

QL
671
A957
Birds

Division of Birds

AN
INDEX-GUIDE

TO THE
AVICULTURAL MAGAZINE

h

FROM

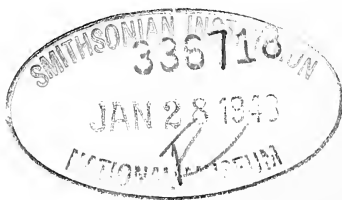
The commencement, November, 1894,
to December, 1930

Compiled by E. H.

EDITOR'S NOTE

THE AVICULTURAL SOCIETY was founded in November, 1894, when the first number of the AVICULTURAL MAGAZINE was published, thus, to the end of 1930, thirty-six volumes have been produced and an index to the whole series was very desirable if not essential to the more serious avicultural students. But it was found that to produce a complete index for the whole series on the lines of those published with each annual volume would involve an expense which the Society could not contemplate. The idea having been abandoned, Dr. E. Hopkinson most generously came forward and offered to compile a Selective Index or Index-guide to the past volumes and the Council gratefully accepted his kind offer. It must be understood that this does not profess to be a complete index to every bird mentioned in the past volumes, but it is a working index by which every reference of importance can readily be traced. The method of using it is clearly explained by its compiler on page 3. The earlier volumes commenced each year in November, thus overlapping two calendar years, but where reference is made to a year, such for instance as 1905, it refers to the volume commencing in November, 1904, and ending October, 1905. It is recommended that for convenience of reference members should mark on the back of each volume, prior to 1925, its year, such as is done on the official binding from 1925 onwards.

D. S-S.



Birds

AN INDEX-GUIDE TO THE AVICULTURAL MAGAZINE

The following is an attempt to provide a working index to the mass of interesting information which is contained in the thirty-six volumes of the Magazine since its commencement in November, 1894, to the end of 1930.

It is divided into three parts :—

(i) ALPHABETICAL INDEX. In this, references such as "*ii. 22*", etc., mean "*Part ii, Section (NOT page) 22*", the others indicate the year and page of the various volumes of the Magazine.

(ii) CLASSIFIED LIST OF BIRDS, commencing with the *Passeres* and concluding with the *Ratitae*.

(iii) LIST OF CONTRIBUTORS with dates of their earliest and latest contributions.

The chief abbreviations used are :—

A.M., *A.S.* Avicultural Magazine and Society.

B.N. Bird Notes.

F.B.C. Foreign Bird Club.

C.P. Crystal Palace Show.

LCBA. London Cage-birds Society Show.

L&PO. London and Provincial Ornithological Society Show.

and the following abbreviations or initials for the most prolific contributors :—

HDA. H. D. Astley.

BS. C. Barnby Smith.

D.Bedf. Duchess of Bedford.

AGB. A. G. Butler.

Delac. J. Delacour.

HRF. H. R. Fillmer.

Fullj. H. Fulljames.

EH. E. Hopkinson.

Mrs J. Mrs. Johnstone.

M-W. E. G. B. Meade-Waldo.

O.G. W. Ogilvie Grant.

RP. R. Phillips.

St.Q. W. H. St. Quintin.

SS. D. Seth-Smith.

Tavis. Lord Tavistock.

Tesch. W. E. Teschemaker.

Van S. V. G. Van Someren.

D.Well. Duchess of Wellington.

Part i

Note.—SMALL CAPITALS indicate that the title (or a sufficient portion) is quoted, ordinary print the substance thereof, while an asterisk (*) means more or less casual mention or some sequel of the previous entry, generally by another writer.

Accentors, *see ii, 134.*

Accidents, *see under Diseases.*

A CHAPTER OF ACCIDENTS, Trevor-Battye (*wild birds*), 1904, 347.

Acclimatization :—

THE ACCLIMATIZATION OF FOREIGN BIRDS, AGB. 1895, 29 : of Foreign Doves, *see ii, 262.*

Age

*Foreign Birds for London Parks, 1906, 318, 343, 359 ; 1907, 48, 137 (*and see* Liberty).

Age in Captivity ; Longevity :—

Age of cage-birds, 1897, 59 ; AGES TO WHICH BIRDS ATTAIN IN CONFINEMENT, AGB. 1899, 81, *111, 120, 130, 167, 183, 193 ; *Age . . . in captivity, 1902, 75 ; *The Age of Birds, 1902, 304 ; 1905, 115, 117, 258 ; DURATION OF LIFE IN CAPTIVITY, AGB. 1910, 181 ; . . . ON THE AGE OF BIRDS IN CONFINEMENT, Bonhote, 1910, 251 ; NOTES ON SOME BIRDS IN CONFINEMENT ESPECIALLY WITH REFERENCE TO THEIR AGE, Günther, 1911, 34, *74.

DURATION OF LIFE IN CAPTIVITY, AGB. 1911, 179.

LONGEVITY IN CAPTIVITY, AGB. 1913, 367, *1929, 102, 124.

Specific Cases

A Hangnest 18 years old, 1917, 288.

Tanager (*Stephanophorus*) 20 years old, 1903, 180 ; a Scarlet T. 18½, 1916, 43.

Sugar-Birds, 13 and 17 years, 1915, 84 ; 1930, 26.

Weavers, 17 and 20, 1917, 288 ; 1920, 32.

Whydah, 18 years, 1927, 2.

A Mannikin, 18, 1897, 13 ; a hybrid, 14 years, 1923, 6.

Gouldian Finch, 7, 1930, 26.

Waxbill, 8½, 1897, 59.

Grey Cardinals, 25, 1914, 119 ; 1927, 111.

A Sunbird (*afer*) 10 years old, 1929, 331.

A Fruit-Cuckoo, 18, 1918, 39.

Parrots' longevity, 1901, 42, 196 ; Cockatoos, 70 and 119, 1903, 371, 1917, 56 ; Amazon, 24, 1930, 311 ; Aubry's Parrot, 19, 1930, 215 ; Alexandra Pkeet., 16 years, 1930, 168

Buzzard, 17, 1922, 13 ; Harpy Eagle, 18, 1920, 45 ; Steppe Eagle, 41, 1928, 22.

Owls : Pigmy Owl, " many years," 1920, 32 ; Snowy, 24½, 1916, 134.

Bustard, 28½, 1926, 125.

Wigeon, 22, 1928, 22.

Barbary Dove, 23, 1898, 17 ; Diamond Dove, 19, 1916, 97.

Tinamou, 16 years, 1926, 115.

Alexandra Parrakeet, *ii*, 213.

Alexandrine Parrakeets, *ii*, 211.

Amadina, *ii*, 69.

Amazons, *ii*, 199.

America, Bird-keeping in, *see* Aviculture abroad.

Bird-life in, *see under* Wild Life.

American birds . . . at the Zoo, 1907, 310, *372.

Anas, *ii*, 257 ; *Anatidae*, *ii*, 252.

Anatomy :—

ON THE TOPOGRAPHY OF A BIRD, Pycraft, 1903, 160, *diagrams*.

A BIRD'S WING, AGB. 1898, 61 ; CHARACTERS IN BIRDS' WINGS, AGB. 1904, 319.

*The evolution of feather-pattern, AGB. 1918, 108, 138, *203 ; DEVELOPMENT OF PATTERN IN BIRDS, AGB. 1918, 160, 183, *171.

THE FEATHER AS A LIVING UNIT, Silver, 1918, 287.

*Family characters in birds, AGB. 1908, 196.

Anomalospiza, ii, 99.

Apteryx, ii, 295.

Argus Pheasants, ii, 286.

Art :—

1911, 226, WATER-COLOUR STUDIES OF BIRD LIFE (*Lodge's Exhibition*).

1916, 239, LOUIS AGASSIZ FUERTES, A PAINTER OF BIRD-PORTRAITS. Chapman.

1926, 174, BIRD-PICTURES AT THE ACADEMY, Knobel.

Artamidae, ii, 141.

Astley and Hamlyn, H.D.A., 1910, 316.

ATTRACTING BIRDS, Shaw (*in America*), 1917, 279, SOME EXPERIENCES IN.

AUTUMN, 1914, 362, BIRDS IN.

Avadavats, ii, 79.

Aviaries and Bird-rooms.

ON AVICULTURE IN AVIARIES, AGB. 1895, 4.

OUR BIRD-ROOMS AND AVIARIES, i, RP. 1895, 8 ; ii, Camps, 23 ; iii, HRF. 30 ; iv, Cooper, 41 ; v, Jones, 61 ; vi, Sergeant, 122.

THE ASPECT OF THE BIRD-ROOM, HRF. 1896, 107.

SUGGESTIONS FOR AN OUTDOOR AVIARY, Sergeant, 1895, 21 ; AN OUTDOOR AVIARY, 1900, 131 ; OUTDOOR AVIARIES, Sergeant, 1902, 47, *79 ; *Breeding experiences in an outdoor aviary, 1902, 122 ; *Aspect for one, 1904, 203, 231.

AN OUTDOOR AVIARY IN THE REIGN OF LOUIS XVI, 1917, 62.

ON THE MAKING OF AN AVIARY, Farrar, 1902, 111 ; ON THE STOCKING OF MY AVIARIES, Farrar, 1902, 162.

The Aviary and its Management, Mylan, 1905, 225, 261 ; THE SIZE OF AVIARIES AND CAGES, Wiener, 1906, 99 ; HINTS ABOUT AVIARIES, HDA. 1913, 208 ; THE CONSTRUCTION OF AN AVIARY, Pam, 1923, 2 ; Housing (Avic), 1923, 15.

*Aviaries for Weavers, 1901, 58 . . . for Parrakeets, 1906, 79.

AN EXPERIMENT IN AVIARIES, 1926, 117 ; *Movable aviaries, 1930, 311.

A GREENHOUSE AVIARY, Delac. 1928, 293.

MY FIRST AVIARY, Gill, 1902, 50 ; A NOVICE'S AVIARY, Temple, 1909, 69, photos ; A SMALL AVIARY FOR BEGINNERS, Workman, 1912, 248 ; . . . A NOVICE'S AVIARY, Appleby, 1924, 239, photos.

Winter in the aviary, *see* Winter.

Temperature of the Bird-room : letters, 1895, 39 ; *A good heating apparatus for bird-rooms, 1904, 143 ; *Aviary heating, Sieh, 1925, 20 ; THE IDEAL HEATING APPARATUS (*i.e. electric*), Bearby, 1928, 90.

*Cages v. aviaries, 1898, 49 ; FOREIGN FINCHES IN CAGES, Wiener, 1896, 150 ; WEAVERS IN CAGES, Pearson, 1902, 70 ; SUCCESSFUL BIRD-KEEPING IN CAGES, Vernon, 1908, 204 ; BIRD-CAGES, Currey, 1912, 25, and *see under* Cages.

"Another truth is that birds live longer in a cage than in an aviary," L-K. 1919, 204.

Aviaries

*Birds in living rooms, **1902**, 77.

FRESH AIR FOR CAGE-BIRDS, HDA. **1907**, 277, 346 ; *. . . aspects of aviculture (fresh air, etc.), Pocock, **1907**, 311, 344 ; FRESH AIR FOR BIRDS, Currey, **1912**, 307.

SOME BIRD-ROOM APPLIANCES, HRF. **1898**, 47 ; . . . FITTING OF SMALL AVIARIES, Martin, **1903**, 134 ; A SMALL AVIARY AND SOME GADGETS, W.W.B. **1925**, 80.

*Catching birds in the aviary, **1901**, 142.

*Public Aviaries, **1927**, 138 ; *The Hindle Aviary, Darwen, **1903**, 243 ; *The Southport Corporation Aviary, **1904**, 231.

The new little indoor aviary at the Zoo, Finn, **1910**, 165. *See also under Zoo.*

AVIARY IDYLL, AN, Simpson, **1895**, 109.

Aviary records (*breeding results, inmates, etc.*) :—

Alderson, AVIARY NOTES, **1900**, 177 ; MY LATEST AVIARY, **1902**, 16, photo ; NOTES ON MY BIRDS (*Doves*), **1908**, 123, 144, 230, 261 ; NOTES ON, **1913** (*Doves*), **1914**, 171.

Allon (*Erskine*), THE INMATES OF MY BIRD-ROOM, **1897**, 121, *148.

Amsler, MY NEW AVIARIES, **1913**, 309.

Appleby, NOTES FROM A LANCASHIRE AVIARY, **1928**, 116, *140, 169 ; **1929**, 133 ; **1930**, 12.

Ashford, *Breeding results **1897**, **1898**, 50.

Astley, NOTES FROM AN OUTDOOR AVIARY ON THE RIVIERA, **1905**, 175 ; RARE IMPORTATIONS AND POSSESSIONS, **1910**, 178 ; *A note from Benham Valence, **1913**, 219 ; MY BIRDS AT BRINSOP, **1914**, 191, 203, 252, 278, 308, photos ; BIRDS AT BRINSOP COURT, **1924**, 25 ; ADDITIONS TO THE COLLECTION . . . IN JULY, **1924**, 237.

FOREIGN BIRDS AT BENHAM . . . (SS.), **1907**, 230 ; A VISIT TO BRINSOP . . . **1916**, 321 ; A VISIT TO THE BRINSOP COURT AVIARIES (G.H.G.), **1921**, 53.

Bampfylde, MY EXPERIENCES IN AVICULTURE, **1912**, 186.

Bonhote, *Breeding results, **1896**, 178.

Bromet, AVIARY NOTES FOR **1906**, **1907**, 127.

Brook, MY AVIARIES AND THEIR INMATES, **1907**, 289 ; *Nest-notes for **1907**, **1908**, 96 ; NOTES FROM THE HODDAM CASTLE AVIARIES, **1910**, 359.

Burgess (*Mrs. Dalton*), MY BIRDS, **1922**, 36 ; **1924**, 166 ; A WEST COUNTRY COLLECTION (*Mrs. B's*), Silver, **1920**, 120 ; A VISIT TO MRS. BURGESS'S COLLECTION, **1925**, 45.

Butler (*Dr. A. G.*), *Breeding results, **1896**, 60 ; AVIARY EXPERIENCES IN **1905**, **1906**, 159 ; VICISSITUDES OF BIRD-KEEPING (AVIARY EXPERIENCES), **1907**, 91.

Carpenter, MY AVIARY, **1901**, 135.

Castle-Sloane, MY AVIARY, **1904**, 165.

Charrington, AVIARY NOTES, **1901**, 49.

Chavner, NOTES FOR **1914**, **1915**, 66 ; AVIARY NOTES FOR **1917**, **1918**, 74 ; NESTING NOTES FROM WARGRAVE . . . **1928**, 277.

Connell (*Knatchbull*), AVIARY AND NESTING NOTES, **1912**, 280, 314.

Cresswell, MY AVIARIES, **1899**, 152.

Cronkshaw, *Breeding results, **1896**, 30.

- Delacour's aviaries* : see *Aviculture abroad (France)*.
- Du Berrie*, *Breeding successes in an indoor aviary, **1926**, 142.
- Dunleath (Lady)*, AN OUTDOOR AVIARY, **1901**, 53 ; *Foreign Birds at Ballywater Park, **1902**, 35 ; *Results . . . **1904**, 113.
- Ezra (A.)*, NESTING NOTES FROM FOXWARREN, **1928**, **1929**, 27 ; FOR **1929**, **1930**, 104.
- THE BIRDS AT FOXWARREN (Delac.), **1927**, 37.
- Ezra (D.)*, D. Ezra's collection (Calcutta), Delac. **1924**, 30.
- Farrar*, BREEDING . . . IN **1896** AT MICKLEFIELD VICARAGE, **1896**, 137, *155, 157, 188 ; **1897**, 16 ; . . . IN **1897**, **1897**, 191 ; . . . IN **1898**, Letter, **1899**, 23 ; *Breeding Record **1900** . . . **1901**, 42 ; *List of birds bred, **1903**, 407.
- French aviaries* : see *Aviculture abroad*.
- Gibson*, MY AVIARY AND BIRDS, **1897**, 139.
- Goddard*, AVIARY NOTES, **1913**, 33.
- Grey (Lady)*, SOME NOTES FROM A WILTSHIRE AVIARY, **1928**, 190.
- Gurney (G. H.)*, NOTES ON THE SEASON, **1923** AT KESWICK, **1924**, 53 ; NOTES ON THE PAST SEASON, **1930**, 44.
- A VISIT TO THE KESWICK AVIARIES (Delac.), **1930**, 261.
- Hawke*, *Nesting notes, **1906**, 289.
- Hawkins*, BREEDING . . . IN **1900**, **1901**, 29.
- Hedges*, THE BIRDS AT COURTLANDS (Crosse), **1926**, 104.
- Hemsworth's Collection*, A MODERN NOAH, Farrar, **1903**, 100.
- Housden*, Breeding results, **1895**, 120.
- Johnstone (Mrs.)*, ON THE BIRDS IN MY AVIARY, **1908**, 115.
- Keston Bird Farm*, BREEDING RESULTS AT THE . . . **1929**, 310 ; **1930**, 328.
- Lilford Aviaries*, BREEDING NOTES FROM THE . . . Moody, **1929**, 6 ; NOTES FROM THE . . . Moody, **1930**, 101.
- Lockyer*, SOME EXPERIENCES, **1913**, 171.
- Meade-Waldo*, THE BREEDING SEASON OF **1899**, **1900**, 76.
- Page*, MY AVIARY AND ITS INMATES, **1897**, 156 ; MISCELLANEOUS EXPERIENCES OF OUTDOOR AVICULTURE, **1901**, 152.
- Paauwel's* : see *Aviculture abroad (Belgium)*.
- Perreau* : ditto (India).
- Phillips*, ODDS AND ENDS, **1901**, 118, 136.
- Plath* : see *Aviculture abroad (America)*.
- Rothera*, *Breeding results, **1896**, 29.
- Savage* : see *Aviculture abroad (France)*.
- Seth-Smith*, BREEDING RESULTS FOR **1899**, **1900**, 1.
- Sherriff*, NOTES FROM A LONDON AVIARY, **1929**, 226.
- Shore Bailly*, **1926** IN THE BOYERS HOUSE AVIARIES, **1927**, 91 ; **1929** IN THE . . . **1930**, 99.
- Simpson*, SOME EXPERIENCES OF AN AVICULTURIST, **1911**, 297, 327.
- Smith*, BIRDS I HAVE KEPT, **1900**, 56.
- Sprawson*, SOME AVIARY EXPERIENCES, **1929**, 252.
- St. Quintin*, *Breeding experiences, **1898**, **1899**, 72 ; **1899**, **1899**, 182 ; THE BREEDING SEASON, **1900**, **1901**, 73 ; BREEDING NOTES FOR **1905**, **1906**, 192 ; ROUGH NOTES ON THE BIRDS AT SCAMPSTON HALL, **1906**, 284 ; BREEDING NOTES FOR **1906**, **1907**, 203 ; NESTING NOTES FROM SCAMPSTON, **1908**, **1909**, 147 ;

Aviary Records

- NOTES FROM THE SCAMPSTON AVIARIES, 1911, 57, photos;
BREEDING NOTES FOR 1912, 1913, 54; FOR 1916, 1917, 248.
Stokes, THE BIRDS AT LONGDON IN 1925, 1926, 43.
Tavistock, BREEDING NOTES . . . 1916, 1916, 330; . . . FOR
1917, 1918, 58; . . . 1924, 1924, 283, 317; NOTES ON THE
1929 SEASON, 1929, 232; . . . FOR 1930, 1930, 267.
Thomasset, AVIARY NOTES ON 1914, 1915, 84.
Todd, MY AVIARIES AND THEIR INMATES, 1896, 81; 1897, 8;
FURTHER NOTES ON MY BIRDS, 1898, 5; AVIARY NOTES, 1898,
109; *1899, 75; *Breeding results, 1897, 1898, 57.
Waud, AVIARY NOTES, 1925, 16; NOTES FROM BRADLEY COURT,
1930, 127.
Wellington (Duchess of), EVENTS IN MY AVIARIES DURING 1922,
1922, 145.
Whitley's collection: see under Zoos.
Williams . . . MY BIRD-ROOM, 1896, 19; NOTES ON MY BIRDS,
1905, 39.
Woburn, FOREIGN BIRDS AT . . . (Duchess of Bedford), 1906,
329; NESTING RESULTS AT . . . (D.Bedf.), *Cranes, Ducks,*
etc., 1910, 36; *Breeding results from . . . 1911, 213.
AVICULTURAL HOTCHPOT (AN), HRF. 1900, 102.
Avicultural Magazine (The), *Proposal to extend its scope, 1900, 138,
162, 186, 206, 232, 255.
*The hundredth number, 1903, 119.
AVICULTURAL MEDLEY (AN), Amsler, 1917, 217. ("*A most interesting
and instructive article.*"—Ed.)
AVICULTURAL NOTES, *Wiener, 1901, 81, 143; Hodgson, 1901, 143;
Porter, 1902, 140.
AVICULTURAL NOTES FOR 1907, AGB. 1908, 60.
Avicultural Notes for the past year, SS. 1908, 69.
AVICULTURAL NOTES "restored", 1919, 217, 249.
AVICULTURAL NOTES, HDA. 1921, 84, 97.
AVICULTURAL NOTES, SS. *Regularly*, 1926 to 1930. Cf. STRAY NOTES,
SS. 1921, 28, 41, 59, 87, 106, 153.
AVICULTURAL NOTES FROM THE P.Z.S., EH. 1918, 250.
AVICULTURAL SENSE (THE), Tavis. 1929, 288.
AVICULTURAL SMALL TALK, 1897, 13, 34, 53, 75, 117, 147.
AVICULTURAL SOCIETY (THE):—
*Management of the . . . Letters, 1904, 367.
OUR SOCIETY AND ITS WORK, AGB. 1910, 201.
The Magazine, see Avic. Magazine above.
The Medal, see Medals.
Amalgamation with the F.B.C. mooted, 1919, 139, *155, 165.
The A.S. and F.B.C. amalgamated, 1924, 328.
Avicultural Society of California formed (The), 1909, 193, 223.
AVICULTURE, Farrar, 1902, 4.
"AVICULTURE" *adumbrated*, 1923, 1; *commenced* (Introduction), 15;
Specialist articles on the different families.
Parts appeared at short intervals, 1923 to 1930.
1923, Introduction, Birds of Paradise to Tanagers.
1924, Finches, Warblers, Honey suckers, etc.
1925, Bulbuls to Touracous.

1926, Humming Birds to Kingfishers and Parrots.

1927, Pelicans to Geese.

1928, Ducks to Rails.

1929, Sea Birds to Pigeons.

1930, Game Birds to Curassows, etc.

Since published in 3 volumes. Stephen Austin, Hertford, 1925-31.

AVICULTURE ABROAD (arranged regionally) :—

Europe

Belgium : SALE OF M. PAAUWEL'S COLLECTION, 1913, 48.

France : **Savage**, Breeding results, 1896, 14, 79.

Delacour's collections : . . . AT VILLERS-BRETONNEUX (*with List*), 1917, 34, 58 ; NOTES ON MY BIRDS AT . . . IN 1916, 1917, 69, photos ; 1918, *201 ; *The collection destroyed in the fighting, 1918, 269 ; AVE ATQUE VALE, V. Bretonneux (G.R.), 1918, 305. *List of birds lost.*

THE NEW COLLECTION AT CLÈRES, HDA. 1920, 169 ; SOME BIRDS IN MY AVIARIES, Delac. 1921, 68 ; BIRDS IN THE PARK AT CLÈRES, Delac. 1921, 111 ; BREEDING RESULTS AT . . . 1922, Delac. 1922, 190 ; BIRDS AT . . . IN 1923 ; Delac. 1923, 223 ; . . . BREEDING AT CLÈRES IN 1925, Delac. 1925, 320 ; *Breeding results . . . 1928, 51 ; BIRD NOTES FROM CLÈRES, Delac. 1929, 25 (photos.).

A VISIT TO SOME WELL-KNOWN AVIARIES IN FRANCE, Ezra, 1928, 256 ; A TOUR IN FRANCE (Clères and other aviaries), Stokes, 1930, 254, 284.

Germany : *Aviculture in . . . (*Notes from DIE GEFIEDERTE WELT*), 1926, 282.

Holland : *Breeding results at Gooilust, 1916, Blaauw, 1917, 66 ; AVICULTURE AT THE AMSTERDAM ZOO, Renshaw, 1914, 167.

Italy : *Nesting notes, Baldelli, 1903, 406.

NOTES OF A BIRD-KEEPER IN LIGURIA, Momber, 1911, 95.

Portugal : NOTES ON BIRDS AND AVICULTURE IN PORTUGAL, Ivens, 1911, 337 ; AN AVICULTURIST IN PORTUGAL, Urwick, 1915, 186.

The East

ORIENTAL AVICULTURE, C. Ingram, 1908, 110.

China : BIRD-KEEPING IN CHINA, Hampe, 1915, 24 ; CHINESE CAGE-BIRDS, Jones, 1918, 292 ; BIRD-KEEPING IN PEKIN, Delac. 1928, 26, photos ; THE TWO MOST POPULAR CAGE-BIRDS OF CHINA ("Hwamee" and White-eye), Hampe, 1928, 177 ; AVICULTURAL JOTTINGS FROM SHANGHAI, Eustace, 1929, 283.

Japan : AVICULTURE IN . . . Taka-Tsukasa, 1922, 15, 31 ; JAPANESE AVICULTURE, Delac. 1926, 213, 247.

QUAIL-BREEDING IN JAPAN, Taka-Tsukasa, 1921, 24.

India : *Cage-birds in Calcutta, Finn, 1900, 208 ; A SMALL AVIARY IN THE HILLS, Perreau, 1905, 366 ; MY INDIAN AVIARY, Perreau, 1909, 88, 122 (*plans*) ; INDIAN BIRD NOTES, Delac. 1925, 30 ; THE FOOD PROBLEM IN AVICULTURE UNDER INDIAN CONDITIONS, Law, 1925, 302.

Africa, see under Cage-birds.

Aviculture Abroad

America

*Aviculture in . . . 1918, 135; AVICULTURE IN AMERICA, Prestwich, 1929, 60; . . . IN NEW JERSEY, Stillman, 1929, 176.

NOTES FROM CALIFORNIA (*aviary*), Edwards, 1926, 218.

Plath's Collection, Chicago, 1924, 244; 1930, 134.

NOTES ON AVICULTURE IN GEORGETOWN, DEMARARA, Harper, 1908, 33, 64.

AVICULTURE IN PARAGUAY, Brabourne, 1914, 185.

Australia

Mr. HEUMANN'S AVIARIES AT BEEHCROFT, N.S.W., 1915, 303;

AVIARY NOTES FROM SOUTH AUSTRALIA, Lienau, 1918, 43;

Australian Aviculture, Lienau, 1918, 268; Mr. HARVEY'S

AVIARIES IN ADELAIDE, 1929, 96, photos.

AVICULTURE A HUNDRED YEARS AGO, Simpson, 1896, 146.

(Early Aviculture, *see* Early).

AVICULTURE FROM THE "IBIS", EH. 1924, 193, 220, 258, 297, 323; 1925, 20, 51.

AVICULTURE AND SCIENCE, *etc.* *See under* Science.

AVICULTURE (PRACTICAL) :—

SOME DIFFICULTIES OF THE AVICULTURIST, Rothera, 1896, 6.

USEFUL MEMS. FOR AVICULTURISTS, Farrar, 1900, 205.

32 YEARS OF AVICULTURE, AGB. 1914, 194, 224, 246, 272, 290, 330.

. . . REMARKS ON PRACTICAL AVICULTURE, L-K. 1915, 118.

GENERAL NOTES ON AVICULTURE, Amsler, 1922, 76, 81.

AVICULTURE, Patrick (California), 1928, 106, THE FINE ART OF

AVICULTURE, HRF. 1899, 54, THE LIMITS OF LEGITIMATE

AVICULTURE AND WILD BIRD PROTECTION, M-W. 1920, 155; *1911, 212.

AVICULTURE AT THE ZOO, Finn, 1909, 249, photo, 294, *308, 329, 358; SS. 251 (*and see under* Zoo).

AVICULTURE AT THE SCOTTISH ZOO . . . Hunter, 1920, 61.

Aviculture will have a share in the International Ornithological Congress at Paris this June, 1900, 115.

Babblers, *ii*, 145.

Barbets, *ii*, 165.

Barnard's Parrakeet, *ii*, 224.

Barraband's Parrakeet, *ii*, 214.

Bazaars, Birds at, *see under* Shows (Brighton).

Bee-eaters, *ii*, 180.

Bell-birds, *ii*, 162.

Bequests of birds, 1895, 47, 60.

Bird-catching :—

EFFECTIVE SIMPLE BIRD TRAPS, AGB. 1901, 78; *Catching birds in the aviary, RP. 1901, 142.

*Proposed licensing of bird-catchers, 1899, 80, 98, 109, 123, 135.

BIRD-CATCHING IN INDIA, Harper, 1903, 262, photos.

A ROCCOLO IN ITALY, HDA. 1912, 81, photos, *123, 143.

BIRDS I HAVE CAUGHT AND KEPT, Heumann (N.S.W.), 1914, 236, 267, 368.

BIRD-CATCHING IN SENEGAL, EH. 1927, 329.

Bird-keeping abroad, *see under* Aviculture abroad.

Bird-rooms, *see* Aviaries and . . .

Bitterns, *ii*, 245.

Bluebird (*Sialia*), *ii*, 129 ; Fairy Bluebird (*Irena*), *ii*, 151.

Blue-rumped Parrakeet, *ii*, 210.

Blue Wren (*Malurus*), *ii*, 135.

BOMBAY BIRD MARKET (THE), Harper, 1916, 138.

Bower Birds, *ii*, 18.

Breeding :—

The reproduction of birds, Letters, 1895, 106.

Problems in bird-breeding, Rothera, 1896, 126 ; HRF. 156.

*On the breeding of foreign birds, 1899, 192.

HOW TO BREED BIRDS, Bonhote (PRACT. BIRD-KEEPING), 1912, 174.

LUCK IN BIRD-BREEDING, AGB. 1912, 266.

BREEDING INSECTIVOROUS BIRDS, RP. 1898, 137 ; *St. Q. 116.

*Breeding rare Parrakeets in America, Tavis. 1926, 166.

*Maintaining stock by breeding, Tavis. 1928, 121, 140.

*Breeding birds in immature plumage, 1903, 190.

List of birds bred in confinement wanted, HRF. 1895, 88.

List of birds not yet bred in captivity wanted, 1901, 85.

RECORDS OF BIRDS BRED IN CAPTIVITY, EH. *Review*, 1923, 341 ;

. . . ADDITIONS, EH. 1930, 18.

Breeding Medals, *see M*.

Breeding Records, etc., *see* Aviary records . . .

British Birds :—

BRITISH BIRDS WE HAVE KEPT, 1895, 37, 44, 57, 65, 74, 83,

104 ; OUR WINTER VISITORS, Swaysland, 1894, 13.

What is a British Bird ? 1896, 187 ; 1897, 14, 52, 55.

Notes on wild life, *see* Wild . . .

*British Birds in New Zealand, 1903, 244.

“ BRITISH BIRDS ” (Witherby), first No. received, 1907, 249.

A PRACTICAL HANDBOOK OF . . . *see* Reviews (Witherby).

Broadbills, *ii*, 158.

Broadtails, *ii*, 221.

Brotogerys, *ii*, 202.

Brush-turkey, *ii*, 294.

Budgerigar, *ii*, 230.

Bulbuls, *ii*, 152.

Bullfinches, *ii*, 105.

Buntings, *ii*, 106–13.

Bustards, *ii*, 243.

Buzzards, *ii*, 233.

Cages :—

DIRECTIONS FOR MAKING A METAL BIRD-CAGE, 1917, 271. (*The photo of the finished article is not encouraging.*)

Cages v. aviaries, *see* under Aviaries . . .

Cage-birds (*see also* under Aviaries . . .).

The Law relating to . . . 1911, 192.

S. AFRICAN CAGE-BIRDS, AGB. 1902, 42, 60, 84 ; *1903, 192.

CAGE-BIRDS IN SIERRA LEONE, Kemp, 1903, 212 ; AVICULTURE IN SOUTH AFRICA, Horsbrugh, 1906, 222.

A PLEA FOR CAGE-BIRDS, Mrs. Stanley Flower (*occupation, etc.*), 1911, 67.

Cage-birds

Cage-bird Club wound up, *The, 1897, 14.

CAGE-BIRD SOCIETY, THE U.K. FOREIGN, HRF. 1900, 217/230.

CAMERA, Chase, 1903, 292, photos. BIRDS-NESTING WITH THE Canary, *ii*, 97.

"*Canary and Cage-bird Life*," started 1906, 74, 176.

CAPTIVE BIRDS, AGB. 1913, 57, EVIDENCE AFFORDED BY CAPTIVITY (Age in), *see* A.

CAPTIVITY V. FREEDOM, Dutton, 1908, 293.

CARACAS, Pam, 1915, 251, THE BIRD-MARKET OF

Cardinals : Green, *ii*, 113 ; Grey, 112 ; Red, 92.

Cariamas, *ii*, 251.

Cassowaries, *ii*, 296.

Cat-bird : American, *ii*, 119 ; Australian, 20.

CEREBRAL INVESTIGATION, Trenow, 1912, 60.

Chaffinches, *ii*, 93.

Chapman's opened, *1922, 122.

Chats, *ii*, 131.

Chat-thrushes, *ii*, 124.

CHEQUERS AND BARS IN PIGEONS AND THE DIRECTION OF EVOLUTION, Whitman, 1907, 174, *224.

Chough, *ii*, 8.

Chukors, *ii*, 279.

Cissas, *ii*, 7.

CLASSIFICATION OF FOREIGN FINCHES, HRF. 1895, 81, 91.

Cockatoos, *ii*, 195.

Colies, *ii*, 170.

Colour, colour-change, *etc.* :—

SEASONAL CHANGE, Finn (*Sun and Sugar-birds*), 1899, 41 ;

*Seasonal change of plumage, Thom. 1899, 135.

FEATHERS CHANGING COLOUR, AGB. 1902, 132 ; *Colour-change in feathers, 1907, 103, 135, 152, 192, 373 ; COLOUR-CHANGE WITHOUT A MOULT, AGB. 1918, 285, 303 ; (*Moult of Weavers, Page, 1900, 14) ; THE FEATHER AS A LIVING UNIT, Silver, 1918, 287 ; COLOUR-CHANGE IN . . . BIRDS, Van Someren, 1919, 61 ; A MOOT QUESTION (*change without moult* ; *Touraco, etc.*), AGB. 1919, 63, 78 ; THE COLOUR QUESTION (*reds*), 1919, 245 ; COLOUR CHANGE IN BIRDS, AGB. 1920, 22, *40 ; *Colour-change in feathers, 1922, 157 ; *Food and colour retention, 1928, 96.

MELANISM AND ALBINISM IN BIRDS, AGB. 1904, 242, *331 ; Melanism in Whydahs, Van Someren, 1919, 40 ; MELANISM IN ORNAMENTAL FINCHES, Davis, 1929, 298.

FURTHER NOTES ON GROWTH OF MARKINGS AND COLOUR, AGB. 1919, 43.

ECLIPSE PLUMAGE AND FLIGHTLESSNESS, Finn, 1906, 259.

Combassou, *ii*, 63.

"Consumption," *see* Diseases.

Conures, *ii*, 197.

Cordon-bleus, *ii*, 84.

Cormorants, *ii*, 261.

Cotingas, *ii*, 162.

Courlans, *ii*, 250.

Courasers, *ii*, 241.
 Cow-birds, *ii*, 37.
Cracticus, *ii*, 143.
 Cranes, *ii*, 244.
 Crossbills, *ii*, 104.
 Crows, *ii*, 1-10.
 Cuckoos, *ii*, 164.
 Curassows and Guans, *ii*, 293.

Dacnis, *ii*, 54.
 DANGEROUS BIRDS, *see under* Mind and . . .
Dasyptilus, *ii*, 194.
 Dayal, *ii*, 125.
 Derbyan Parrakeet, *ii*, 212.
 Diamond Sparrow, *ii*, 72.
Dicaeidae, *ii*, 117.
 Dipper, *ii*, 133.
 Diseases, etc. :—

DISEASES OF BIRDS AND THEIR TREATMENT AND CURE, Galloway,
 1918, 192, 217.

*Treatment of a sick bird, 1900, 80, 159.

*Fallacies, "delicacy," etc., Farrar, 1899, 37.

*The administration of medicine to birds, 1904, 78.

THE FEET OF BIRDS IN CAPTIVITY, Currey, 1912, 103 (PRACT.
 BIRD-KEEPING).

AVIAN INQUESTS, *Report of the Society's Pathologist*, Prof. Wool-
 dridge, 1919, 17.

Accidents.

Accidents to Birds (*from the CORNHILL*), 1896, 11; ACCIDENTS,
 RP. (*fractures, etc.*), 1901, 55, *118; INJURED LEGS IN BIRDS,
 Welch, 1922, 106.

"Consumption"

*Consumption and Typhoid in birds, 1905, 292, 320, 344; *Con-
 sumption in birds, Creswell, 1906, 46, 80; *25 per cent. of the
 bird deaths at the Zoo = *tuberculosis*.
 (Report for 1905), 1906, 240.

"Diphtheria"

*In Wood-pigeons, 1908, 157.

Egg-binding

EGG-PRODUCTION AND EGG-BINDING, Simpson, 1895, 15, *1900, 63;
 *A preventive of . . . 1928, 226. An egg-bound Parrot, 1920, 103.

Eye-disease

*In Singing Finches, 1900, 209, 255.

Feather-plucking

*1903, 306, 332; 1904, 140; Baldness . . . 1895, 79, 1900, 210,
 1901, 161; *A Feather-plucking Liothrix, 1900, 256.

Diseases

French Moul

- *. . . in wild Parrakeets in Australia, **1907**, 256 ; . . . IN
BUDGERIGARS, Amsler, **1928**, 38.
GAPES, Moody, **1918**, 195, 216, *308.

Lice

- *. . . in Birds, **1925**, 111.

Psittacosis, see *ii*, 184 (Parrots)

Septicaemia

Avian septicaemia and egg, **1906**, 213, 241, 273, 290 ; and see under
Food (insectivorous) ; SEPTIC ENTERITIS, St.Q. **1907**, 353.
(N.B.—*The greater part of this controversy had BIRD NOTES as its arena.*)

Tuberculosis, see Consumption above.

Divers, *ii*, 250.

Diving Birds, *ii*, 238.

Dodo, *ii*, 274.

Doves, *ii*, 262.

Ducks and Geese, *ii*, 252.

Eagles, *ii*, 234.

Early Aviculture :—

AVICULTURE A HUNDRED YEARS AGO, Simpson, **1896**, 146.

EARLY DAYS OF AVICULTURE, EH. (*Noah to the Canary's coming*),
1918, 67.

EARLY AVICULTURE . . . BS. **1923**, 99.

EARLY AVICULTURE (ON PORTRAITS OF RARE AND CURIOUS BIRDS,
. . . OSTERLEY PARK . . . 1794), SS. **1926**, 80.

Eclactus, *ii*, 215.

ECLIPSE PLUMAGE AND FLIGHTLESSNESS, Finn, **1906**, 259.

Eggs :—

EGG-PRODUCTION AND EGG-BINDING, Simpson, 1895, 15, and see
under Diseases.

THE DURATION OF THE PERIOD OF INCUBATION, AGB. **1905**, 151,
*219, 233.

EGG-LAYING AND NESTING EXPERIENCES, AGB. **1914**, 179, PLATE
of eggs.

EGGS AND NESTLINGS, Renshaw, **1919**, 213 ; ANCESTRAL
CHARACTERS OF NESTLINGS, AGB. **1918**, 211, 234 ; NESTLING
GOULDIAN FINCHES, Lienau, **1918**, 207, and see Gouldian
Finches, *ii*, 76.

EGG-MARKINGS AND SUNLIGHT, AGB. **1916**, 193.

ON A REMARKABLE RECENT DEVELOPMENT OF FOWLS' EGGS,
FINN, **1928**, 222.

*A Journal for Oologists to appear, **1919**, 151, 171, and later ; see
also Reviews under Journals ; The Preservation of Eggs (*for
oologists*), Skinner, **1920**, 52.

Egrets, *ii*, 245.

Emu, *ii*, 296.

EVIDENCE AFFORDED BY CAPTIVE BIRDS (THE), AGB. **1913**, 57.

EVOLUTION . . . see Chequers . . .

Exeter Change in 1791, *1905, 251.

Exhibiting, *see under* Shows and . . .

Family characters in birds, AGB. *1898, 196.

Feathers, *see under* Anatomy and Colour.

Feather-sales, -trade, *see* Trade.

Feet in captivity, *see under* Disease.

Finches (*Fringillidae*), *ii*, 86-113.

Foreign Finches (CLASSIFICATION OF, 1895, 81, 91). (*This usually means Waxbills, Mannikins, etc.*)

Finfoot, *ii*, 250.

Firecap, *Cephalopyrus*, *ii*, 115.

Firefinches, *ii*, 81.

Flamingos, *ii*, 261.

Flight :—

*. . . the Flight of Birds, 1903, 150.

. . . FLIGHTLESSNESS, Finn. 1906, 259.

Flowerpeckers, *ii*, 117.

Flycatchers, *ii*, 156.

Food and Feeding :—

THE FOOD OF BIRDS IN CAPTIVITY, HRF. 1900, 48, *102 ; THE FOOD OF BIRDS, J. H. Gurney, 1918, 229 ; Food (AVIC.), 1923, 25.

HAND-REARING BRITISH BIRDS, AGB. 1914, 105 ; Hand-reared v. wild-caught birds, Silver, 1919, 15 ; DIET FOR REARING YOUNG BIRDS (*vitamines, etc.*), Amsler, 1921, 1.

*Food for young Bullfinches, etc., 1897, 38.

A FEW NOTES ON NATURAL FOODS, Simpson, 1897, 162.

*Food and colour retention, 1928, 96.

THE INFLUENCE OF DIET ON THE AVIAN DEATH-RATE, Creswell, 1903, 354 ; 1904, 49, 79, 119 (*the egg and septicaemia controversy begins*).

*Liberty for birds when feeding, 1926, 346.

BIRD-FEEDING IN INDIA (*by the Jains*), Trevor-Battye, 1915, 221 ;

THE FOOD PROBLEM . . . UNDER INDIAN CONDITIONS, Law, 1925, 302.

Food for insectivorous birds, Letters, 1896, 188 ; 1897, 32, 63, 76, 77 ; 1898, 39, 52, 71, 75, 97, 113, 133, 149, 166, 181. *Interesting controversy—at times lively—* ; Egg, chopped meat, septicaemia, etc. ? “ In confinement is the natural food *always* the best ? ”, 1905, 319, 347, 382 ; 1910, 102 (*Momber).

FOOD FOR NIGHTINGALES AND OTHER INSECTIVOROUS BIRDS HDA. 1907, 42 ; LIVING FOOD FOR INSECTIVOROUS BIRDS, AGB. (PRACT. BIRD-KEEPING), 1912, 41 ; ON THE BEST SYSTEM OF FEEDING . . . Galloway, 1916, 140, 176 ; HOW TO KEEP INSECTIVOROUS BIRDS IN PERFECT CONDITION, Galloway, 1925, 13, 46, 74, 94, 128, 152, 225.

Food for Tanagers and Honeysuckers, Wiener, 1896, 156 ; Dutton, 173 ; *. . . for honey-sucking birds, Finn, 1897, 99 ; . . . FOR THE SMALLER TANAGERS, Rattigan, 1923, 284, 1924, 66.

*A cheap food for insectivorous birds (= “ *dried flies* ”), 1897, 79, 165 ; “ *Dried Flies* ” (“ *Zeke* ”) HRF. 1899, 36, 77.

*An Italian insect-food . . . 1902, 233.

*Locusts, Letter on young locusts, 1897, 198.

Food

- Gentles, as bird-food, **1908**, 240, 296 ; GENTLES ! BS. **1913**, 373 ;
*Gentle-breeding, Amsler, **1917**, 217.
*Magpie moth larvae as bird-food, AGB. **1919**, 203.
Mealworms, *Breeding . . . **1897**, 58 ; **1907**, 156 ; *Mealworm
and Stick-insect breeding, **1915**, 199 ; MEALWORM BREEDING,
Neunzig (*Translation, EH.*), **1925**, 98, *184.
The misuse of the mealworm, **1903**, 77, 216, 278.
Miscellaneous : *Are zinc food-pans harmful ? **1897**, 38 ; Fallacies
“ delicacy, paddy rice, proper food ”, Farrar, **1899**, 37 ; *Sponge-
cake for insectivorous birds, **1904**, 114 ; *Raw meat for birds,
1897, 38 ; *Cod-liver oil, **1929**, 300 ; *Wet and frosted green-
food, **1898**, 18 ; *Flowers *etc.* for birds, **1906**, 155 ; *Birds and
Rowan berries, **1909**, 143 ; *Rock-salt for Gouldians, **1901**, 82,
118.
Seeds, *see* S.
Silkworms for birds, **1896**, 13 ; **1904**, 208.
Stick-insects, **1917**, 94 ; **1928**, 165.
*White ants for birds, **1905**, 376.
FOREIGN BIRD CLUB (THE) :—
“ BIRD NOTES ” : first number received, **1901**, 11. “ Bird Notes ”
replaces “ Foreign Bird Notes,” 170.
Amalgamation with the A.S., *see under* AVICULTURAL SOCIETY.
Forktails (*Enicurus*), *ii*, 132.
Forpus, the Passerine Parrakeets, *ii*, 203.
FOSTER-PARENTS . . . SOME EXPERIMENTS IN REARING WILD FINCHES
BY (*in America*), Scott, **1904**, 354.
Francolins, *ii*, 281.
Frigate Bird, *ii*, 261.
Fringillidae, *ii*, 86–113.
Frog’s secretion used to produce yellow Amazons, **1917**, 240.
Frogmouths, *ii*, 177.
Fruit-pigeons, *ii*, 263.

Game Birds, *ii*, 276.
Gannets, *ii*, 261.
Geese, *ii*, 254.
German : ENGLISH DEALERS *versus* GERMANS, HDA. **1915**, 267 ;
***1918**, 104.
THE INFLUENCE OF GERMAN AVICULTURE, Tesch. **1917**, 98.
Gin-gin. A “ Gin-gin ” bird said to have been sold for 260 guineas,
1909, 214. (*What was it ?*)
*The Australian “ Gin-gin ” **1927**, 284, 345 (*presumably no connection
with the above.*)
Goldcrests, *ii*, 136.
Goldfinches, *ii*, 95.
Gouldian Finches, *ii*, 76.
Gouras, *ii*, 274.
Grallina, *ii*, 145.
Grass-finches, *ii*, 73–6.
Grass-parrakeets, *ii*, 226.
Grebes, *ii*, 250.
Grey Parrot, *ii*, 207.

Grosbeaks, *ii*, 86–92 ; Pine Grosbeak, 103.
 Grouse, *ii*, 276 ; Sand-grouse, 275.
 Guans, *ii*, 293.
 Guineafowl, *ii*, 288.
 Gulls, *ii*, 238.

HABITS AND ECONOMY OF BIRDS, Finn, 1898, 163, 206, ON CERTAIN

IMPERFECTLY KNOWN POINTS IN THE

Hand-reared v. wild-caught birds, Silver, 1919, 15.

Hanging Parrakeets, *ii*, 208.

Hangnests, *ii*, 32–7.

Hawfinches, *ii*, 86.

Hawks, *ii*, 233.

Hawk-headed Parrot, *ii*, 201.

Health (*see also* Diseases) :—

ON THE HEALTH OF SMALL FINCHES, Johnstone, 1904, 360 ; *Aviculture and health, 1913, 127.

*Vigour and Heredity (*Letter re Bonhote's*), 1916, 120.

THE RELATIONSHIP OF LOCALITY TO HEALTH IN BIRDS, Tavis, 1926, 317, *345 ; *Influence of soil on the health of birds, 1929, 100.

Heating apparatus, *see under* Aviaries and Bird-rooms.

Hemipodes, *ii*, 291.

Heredity, *see under* Health.

Heron, *ii*, 245.

Hoatzin, *ii*, 250.

Homing :—

Homing Birds, Letter, 1895, 99 ; *Pigeons “home” from New Zealand to Australia! 1898, 17 ; The homing instinct in Pennants . . . 1904, 81.

Honey-eaters, *ii*, 118.

Honey-guides, *ii*, 169.

Hoopoes, *ii*, 168.

Hornbills, *ii*, 167.

Humming Birds, *ii*, 179.

Hybrids (*and see under the various species, Part ii*) :—

1895, 42. Mules, *Lecture by* Dr. Bradburn.

1899, 29. *Impossible mules, AGB.

1905, 134. *The light mule problem, Finn.

1911, 350. List of Finch hybrids.

1927, 274. “CAGE-BIRD HYBRIDS,” Review.

IBIS, AVICULTURE FROM THE, *see under* Aviculture.

Ibises, *ii*, 248.

Icteridae, *ii*, 32–7.

Ideal Parrot (The), 1898, *152, 182, 198.

IGNORANCE, AGB, 1911, 45, KNOWLEDGE REVEALING

Importation (*see also* Trade) :—

*. . . of Foreign Birds, 1905, 377 ; *Ruthless importation (6,000 *Liothrix* advertised), 1907, 158, 193, 221 ; ECCENTRICITIES OF BIRD IMPORTATION, AGB, 1907, 263 ; Importation . . . by combination, 1910, 339 ; THE PROHIBITION OF IMPORTATION OF BIRDS, 1917, 42, 64.

Importation

TREATMENT OF NEWLY-IMPORTED FOREIGN BIRDS, Savage, 1900, 252.

THE IMPORTATION OF AUSTRALIAN BIRDS AND OTHER NOTES, Carrick, 1900, 252 ; THE AUSTRALIAN BIRD-MARKET, Rogers, 1920, 105 ; CONTROL . . . EXPORT OF AUSTRALIAN ANIMALS, 1920, 204 ; AUSTRALIAN AND NEW GUINEA BIRDS sent to the Zoo by the Australian Control Board, 1921, 181 ; THE EXPORT OF AUSTRALIAN BIRDS, SS. 1923, 61 ; Tavis. 79 ; *The importation of . . . 1925, 295.

INDEX, PROPOSED GENERAL INDEX, 1903, 153, 193 ; 253 *abandoned*.
Indicator, *ii*, 169.

Indigo Bunting, *ii*, 108.

Ingambée : La Perruche ingambée of Levaillant (?), 1896, 13.

Insectivorous birds :—

Food, etc., *see Food*.

A warning to purchasers of insectivorous birds, 1896, 174, 190 ;
Traffic in . . . Fullj. 1897, 19, 37.

SOME EXPERIENCES WITH BRITISH SOFTBILLS, L-K. 1916, 221
. . . INDIAN INSECTIVOROUS BIRDS . . . AND . . . BUTTERFLIES
. . . Finn, 1907, 305 ; SOME BEAUTIFUL INSECTIVOROUS BIRDS
FROM THE HIMALAYAS, HDA. 1908, 277.

Jacana, *ii*, 250.

Java Sparrow, *ii*, 65.

Jays, *ii*, 6.

Junglefowl, *ii*, 287.

Kagu, *ii*, 246.

Kea, *ii*, 193.

Kingfishers, *ii*, 181.

Kites, *ii*, 235.

Kiwis, *ii*, 295.

Larks, *ii*, 57.

Liberty :—

FOREIGN BIRDS AT LIBERTY IN GREAT BRITAIN, Tavis. 1928, 31,
262. In London Parks, *see* Acclimatization.

RED ROSELLAS AT LIBERTY, Tavis. 1915, 332.

*Firefinches at Liberty, 1926, 346.

WEAVERS AT LIBERTY, Maynard, 1929, 325.

*Liberty for birds when feeding, 1926, 346.

Linnet, *ii*, 94.

Liothrix, *ii*, 148.

Live Bird, the Value of the, *see* Value.

Longevity, *see* Age.

Lories and Lorikeets, *ii*, 186–92.

Love of . . .

FOR LOVE OF BIRDS, Currey, 1913, 203.

FOR LOVE OF SCIENCE, AGB. 1913, 224, *276, 316, 319 (*developed into feather-trade*).

Lovebirds, *ii*, 204.

Lutinos, *see ii*, 200, 211 ; faked Amazons, 199.

Lyre-bird, *ii*, 159.

Macaws, *ii*, 196.

Magpies, *ii*, 5.

Manakins (*Pipridae*), *ii*, 162.

Mannikins, *ii*, 64-7.

Medals :—

THE AVICULTURAL SOCIETY'S MEDAL for the first breeding in the U.K. Lists of awards appeared at regular intervals from 1903 to about 1910 ; after that more irregularly, and the announcements were usually worded : “. . . *proposed to award . . . if any member knows of a previous instance . . .*” or words to that effect, 1914, 178 to 1929, 198.

*Objections . . . 1903, 81, 116.

L'OISEAU to give medals, 1921, 40 ; Awards, 1928, 143.

Megapodes, *ii*, 294.

Meliphagidae, *ii*, 118.

Mergansers, *ii*, 260.

Mesia, *ii*, 149.

Mice : *1901, 176 ; ECONOMY AND MICE, AGB. 1915, 282 ; *Hangnest eating a mouse, 1913, 39.

Migration :—

THE MIGRATION OF BIRDS, Perkins, 1895, 34 ; . . . OF BRITISH (Cage-) BIRDS, AGB. 1895, 62 ; THE MIGRATORY INSTINCT, RP. 1895, 71, *86 ; MIGRATORY BIRDS, Rothera, 1896, 102.

MIMICRY BY BIRDS IN A WILD STATE, Cresswell, 1899, 116, *137.

*Instinct or imitation, SS. 1906, 154 ; AGB. 178.

THE IMITATIVE POWER OF BIRDS, AGB. 1916, 327.

Mind and Morals :—

. . . ON THE PSYCHOLOGY OF BIRDS, Beebe, 1905, 124 ; THE MIND OF A BIRD, AGB. 1908, 210 ; MORALITY IN BIRDS, 1909, 325 ; MORALS AND BIRDS, Momber, 1910, 47 ; MORAL AND MENTAL ATTRIBUTES OF BIRDS, AGB. 1910, 65 ; REASON IN BIRDS, AGB. 1915, 86.

ARE BIRDS DECEITFUL ? AGB. 1915, 246 ; ARE BIRDS EASILY DECEIVED ? 1917, 107.

ON INDIVIDUALITY, Tavis. 1921, 129 ; ON MUTUAL INCOMPATIBILITY OF TEMPERAMENT AND THE PERSONAL FACTOR, Tavis. 1923, 101, 151 ; Mentality in Parrots, Tavis., *see ii*, 182, “*DE GUSTIBUS*” *etc.*

DANGEROUS BIRDS, Rothera, 1896, 102.

SOME PECULIAR ACTIONS OF BIRDS, Finn, 1926, 261.

Minivets, *ii*, 144.

Mniotiltidae, *ii*, 55.

Mocking Birds, *ii*, 119.

Monal, *ii*, 285.

Motmots, *ii*, 174.

Munias, *ii*, 64.

Mutations : in Gouldians, *see ii*. 76 ; a Pheasant mutant, *see ii*, 282 ; Mutations in birds, AGB. *see under Species*.

Mynas, *ii*, 23.

Names

Names :—

*Dealers' names for birds, **1898**, 49, List, 69 ; *Names . . . ; uniformity wanted, HRF. **1898**, 95 ; *The vernacular names of birds, **1906**, 216.

A MISTAKE (*names*), RP. **1901**, 75, *145, 162.

ENGLISH NAMES OF THE PARROTS, EH. *see ii*, 185.

THE ROBIN (the name), EH. **1896**, 346.

Nature :—

THE BRUTALITY OF NATURE, Rothera, **1897**, 31.

THE BALANCE OF NATURE, AGB. **1913**, 102, *139.

Nature notes, *see* Wild . . .

Nests and nesting :—

HOW BIRDS LEARN . . . NESTING . . . RP. **1897**, 174 ; *Instinct and nest-building, **1903**, 218 ; CAPACITY IN NEST CONSTRUCTION, AGB. **1917**, 171, *209.

WONDERS OF BIRDS' NESTS, Koch, **1916**, 109 ; THE HISTORY OF BIRDS' NESTS, AGB. **1919**, 119.

FIVE NESTING FAILURES AND FOLLIES, BS. **1915**, 111 ; THE VALUE OF FAILURES, Brook, **1909**, 159.

*Aloe-fibre for nesting : dangers, **1898**, 8.

WILD BIRDS' NESTING PLACES (Martin), **1900**, 128.

*Nest-boxes for wild birds, **1900**, 161 ; NESTING BOXES FOR WILD BIRDS, M-W. **1904**, 259, photos.

*Destruction of birds-nests and eggs, **1915**, 197.

Nestlings, *see ii*, 76 (Gouldians).

New :—

*Species new to Aviculture : list of Finch *genera* which seem never to have been kept, EH. **1926**, 160, *228. *See also under* Rare . . .

Nightingale, *ii*, 126.

Nightjar, *ii*, 176.

Nonpareil, *ii*, 108 ; Pin-tailed Nonpareil, *ii*, 78.

NOTES FOR THE MONTH, *Secretarius*, **1916**, 207 (*May*), 232 (*June*), 258 (*July*), 290 (*Aug.*).

Nuthatches, *ii*, 138.

Nymphicus, *ii*, 231.

Obituaries :—

Alderson, Miss, **1919**, 252 ; **1920**, 7.

Astley, H. D., **1925**, 179, 241, photo ; Memoir, **1927**, 252.

Baird, Sir Alexander, **1920**, 132.

Bedford, Duchess of, **1920**, 92 "*not our V.P.*", 109.

Berkeley, Louisa Mary, Baroness, **1900**, 61.

Bonhote, John Lewis, **1922**, 160.

Boscawen, Lieut. the Hon. V. D., **1915**, 102.

Boynton, Bart., Sir Henry S., **1899**, 140.

Brabourne, Lord, **1915**, 191.

Bridgeman, Gen. Francis C., **1917**, 351.

Bridgeman, Cmdr. R. O. B., **1917**, 127.

Brook, E. J., **1924**, 331.

Burgess, Mrs. Dalton, **1925**, 28.

Butler, Dr. A. G., photo, **1925**, 182.

Corbet, Bart., Sir Roland J., **1915**, 224.

- Dutton, Canon, *see* Sherborne.
 Galloway, P. F. M., 1924, 329.
 Gilbey, Sir Walter, 1915, 79.
 Greene, W. T., 1907, 109.
 Grey, Lady, 1928, iv.
 Gurney, John Henry, 1923, 8.
 Hamlyn, J. D., 1923, 63.
 Horsbrugh, Lt.-Col. Boyd R., 1916, 288.
 Legge, The Hon. Gerald, 1916, 43.
 Lovell-Keays, Dr., 1920, 109.
 Momber, Col. G. A., 1911, 310.
 Naylor, Lieut. R. E., 1915, 263.
 Newton, Professor, 1907, 272.
 Noble, Mrs., 1914, 118.
 Ogilvie-Grant, W. R., 1924, 330.
 Page, Wesley T., 1924, 331.
 Perreau, Major G. A., 1917, 208.
 Rowe, Lady, 1900, 85.
 Russ, Dr., 1900, 38, 79, 81, *144.
 Rutter, Dr., 1920, 101.
 Scherren, Henry, 1911, 245.
 Sharpe, Dr. R. Bowdler, 1910, 106.
 Sherborne, Lord (*Canon Dutton*), 1920, 37.
 Sutton, Sir Richard, 1919, 66.
 Symonds, John Howard, 1917, 286.
 Temple, W. R., 1922, 160.
 Thompson, Sir Harry, 1902, 170.
 Trevor-Battye, A. B. R., 1923, 9.
 Tristram, Canon, 1906, 194.
 Wellington, Duchess of, 1927, 204.
 Whitman, Prof. C. O., 1911, 162.
 Wiener, Aug. F., 1906, 314.

Odontophoridae, *ii*, 290.

OISEAU (L'), the Journal of the French Acclimatization Society. *See* Medals and under Reviews (Journals).

Oology, *see* Eggs.

Orchard Finch, *ii*, 111.

Orioles, *ii*, 31; American Orioles (*Icteridae*), *ii*, 32-7.

Ornithological Congress:—

Aviculture to have a share in the International Ornith. Congress at Paris "this June", 1900, 115.

The Fourth Internat. Orn. Congress, London, June, 1905, 1905, 142, 207, 283.

ORNITHOLOGICAL RAMBLES, Goodchild, 1910, 241, 310.

Ornithology:—

TWIN STUDIES (Aviculture and Ornithology), AGB. 1902, 19;
 ORNITHOLOGY AND AVICULTURE, M-W. 1921, 34.

Ostrich, *ii*, 296.

Oven-bird, *ii*, 160.

Owls, *ii*, 236.

Palacornis, *ii*, 211.

Paradise Birds, *ii*, 11-17.

Paris

- PARIS EXHIBITION, Goodfellow, **1901**, 33, BIRD NOTES AT THE Parrots, *ii*, 182-252.
Parrotlets, *ii*, 203.
Parrot-finches, *ii*, 78.
Partridges, *ii*, 279.
Passenger Pigeon, *ii*, 261.
Passerine Parrakeets, *ii*, 203.
Peace and War, PLATE : *Hospital soldier feeding Gulls*, **1917**, 45.
Peacemaker (The), Harper (*Verse*), **1910**, 228.
Peacock, *ii*, 287.
Peacock-Pheasants, *ii*, 285.
Peat Moss (Moss Litter) . . . for birds, **1900**, 102, *212 ; ***1908**, 105.
Pekin Robin, *ii*, 148.
Pelicans, *ii*, 261.
Penguins, *ii*, 238.
Pesquet's Parrot, *ii*, 194.
Pets, *see* Tame.
Phainopepla, *ii*, 157.
Pheasants, *ii*, 282.
Photography :—
 BIRDS-NESTING WITH A CAMERA, Chase, **1903**, 292, photos.
 BIRD PHOTOGRAPHY AT THE ZOO, Berridge, **1919**, 237.
Pies, *ii*, 5.
Pine Grosbeak, *ii*, 103.
Pinioning, ***1902**, 124.
Pionus, *ii*, 201.
Piping Crows, *ii*, 10.
Pipits, *ii*, 56.
Pittas, *ii*, 157.
Platycercinae, *ii*, 221.
Ploceidae, *ii*, 58-85.
Podargus, *ii*, 177.
Poicephalus, *ii*, 207.
Polygamous and Monogamous Birds, ***1907**, 282.
Pope, *ii*, 112.
Poultry :—
 NOTES AT THE POULTRY CONGRESS, Finn, **1930**, 264.
PRACTICAL BIRD-KEEPING, *a series of articles by various authorities*, **1911**, 103 to **1913**, 66.
Prey, Birds of, *ii*, 230.
Prices :—
 Foreign bird prices in 1867 and "to-day", **1898**, 59 ; *Prices of foreign birds, **1898**, 136 ; *Bird-prices in 1856, **1904**, 142 ; * . . . 37 years ago, **1905**, 348 ; *The decreased prices of birds, **1906**, 42, 75 ; PRICES : THEN AND NOW (1894 v. 1925), EH. **1925**, 256.
Prionops, *ii*, 143.
Protection :—
 *The Protection of Birds, **1898**, 195 ; THE COMMON SENSE OF BIRD-PROTECTION, SS. **1906**, 34 ; *Destruction of Bird-life at Lighthouses, **1909**, 81 ; THE PROTECTION OF BIRD-LIFE, Carruthers, **1918**, 232, 245 ; *Aviculture and Bird-Protection,

1911, 212 ; AVICULTURE AND WILD BIRD PROTECTION, M-W.
1920, 155.

*Protection of the Quail, 1911, 73.

*. . . of birds in France, 1912, 173.

*. . . in America, 1918, 134.

*A Paradise for Birds (*in Australia*), 1902, 52 ; *Bird-protection in Queensland, 1921, 59.

*Resolution Island, N.Z. to be a sanctuary, 1902, 52 ; *Bird-preservation in New Zealand, 1905, 213.

THE NECESSITY OF STATE ACTION FOR THE PROTECTION OF WILD BIRDS, Collinge, 1919, 123, *169 ; MILESTONES TOWARDS THE PLUMAGE BILL, Gardiner, 1920, 82, *and see under* Trade ; THE PROPOSED BILL FOR THE PROTECTION OF BIRDS, Pocock, 1922, 1 ; A POSSIBLE CURTAILMENT OF AVICULTURE, Silver (*by law*), 1923, 178.

*Proposed licensing of bird-catchers, 1899, 80, 98, 109, 123, 135 ; The Law relating to Cage-birds, 1911, 192.

Psittinus, *ii*, 210.

Ptilogonys, *ii*, 157.

Ptilopachus, *ii*, 280.

Public Aviaries, *see under* Aviaries and . . . (*end*).

Quails, *ii*, 277 ; American Quails, 290.

Quaker Parrakeet, *ii*, 201.

Racquet-tailed Parrots, *ii*, 209.

Rails, *ii*, 249.

Rare importations, etc. :—

1897, 53, Rare arrivals at the Zoo.

1904, 57, Rare arrivals.

1904, 69, RARE FOREIGN BIRDS AT THE C.P., SS.

1907, 242, ARRIVAL OF RARE FOREIGN BIRDS, SS. (*Goodfellow's*).

1908, 330, . . . RARE BIRDS FROM NEW GUINEA, HDA. (*Goodfellow's for Mrs. J.*).

1909, 224, Rare Birds from South Africa.

1909, 274, Notable importations.

1909, 336, A consignment of New Guinea rarities (*Goodfellow*).

1910, 178, RARE IMPORTATIONS AND POSSESSIONS, HDA.

1910, 345, List of Birds brought from Australia by Seth-Smith.

1911, 75, RARE BIRDS AT THE L.C.B.A. SHOW, SS.

1913, 232, MAJOR HORSBRUGH'S INDIAN COLLECTION (*brought by Frost*).

1914, 286, Importation of rare Australian Birds.

1914, 321, Rare Australian Birds at the Zoo, SS.

1915, 160, RARE BIRDS IN CONTINENTAL ZOOS, Renshaw.

1915, 351, Arrival of rare Indian Birds.

1915, 373, A WONDERFUL COLLECTION . . . FROM ECUADOR (*Goodfellow for Brook*).

1920, 12, Arrival of South African Birds (*Hamlyn*).

1920, 124, Some New Guinea rarities, Tavis.

1920, 185, NOTES ON THE . . . ZOO . . . INDIAN COLLECTION, *July*, 1920, Harper.

1920, 194, A collection from New Guinea (*Frost's*).

Rare Importations

- 1921, 41, Arrivals : S. African Birds.
1921, 108, Rare African Birds arrive.
1921, 152, A New Guinea collection (*Frost's*).
1921, 181, Australian and New Guinea Birds sent to the Zoo by the
Australian Control Board.
1922, 87, BIRDS IN THE PRINCE OF WALES'S COLLECTION, SS. (*from the East*).
1924, 293, A CONSIGNMENT OF EASTERN BIRDS, Delac. (*from Indo-China*).
1925, 217, A notable collection of South African Birds (*Gamage*).
1926, 19, Goodfellow's collection from New Guinea, SS.
1926, 194, Dalacour's new birds.
1926, 282, *Rare birds in Germany (*notes from "Die Gef. Welt"*).
1927, 26, AN IMPORTATION FROM PORTUGUESE EAST AFRICA (*Webb*), Stokes.
1927, 130, SOME RARE MEXICAN BIRDS, S.B.
1927, 199, Rare Birds from the East, Delac.
1927, 273, Frost brings another rare lot.
1928, 163, Some rare birds at the Zoo, SS.
1928, 213, A COLLECTION OF LIVING BIRDS FROM CENTRAL ANNAM, Delac.
1929, 10, . . . RARE BIRDS FROM THE EAST, SS. (*Goodfellow for Spedan Lewis*).
1929, 147, RARE BIRDS IN THE NEW YORK ZOO . . .
1929, 148, A FINE COLLECTION OF PAPUAN BIRDS, SS. (*Mayer's*).
1929, 326, Goodfellow's rare birds from the East.
1930, 194, Rare birds brought by Webb from S.E. Africa.
1930, 308, . . . by Frost from the East.
- Raven, *ii*, 2.
"Red-capped Parrots," *ii*, 201 and 208.
Redpolls, *ii*, 94.
Redstarts, *ii*, 123.
Regent Bird, *ii*, 19.
- Reviews and Notices. (*Periodicals entered under Journals*) :—
Abbott, Home Life of the Osprey, 1912, 100.
Alderson, My foreign Doves and Pigeons, 1911, 307.
André, A Naturalist in the Guianas, 1904, 224.
Astley, My Birds in Freedom and Captivity, 1901, 105.
Baker (E. C. Stuart), Indian Pigeons and Doves, 1914, 146.
Ball, My Strange Pets, 1906, 39.
Balston and others, Notes on the Birds of Kent, 1908, 101.
Barnby Smith, . . . A Lawyer's Garden, 1919, 153.
Bates, Handbook of the Birds of West Africa, 1930, 81.
Beach Thomas and Collett, Birds through the year, 1918, 131.
Beebe, The Swans (*from the 10th Annual Report of the N.Y. Zool. Soc.*), 1907, 74.
— Early Life of Loon Chicks (*AUK*), 1907, 187.
— Owls of the Nearctic Region (*N.Y. Zool. Soc. Bull.*), 1908, 42.
— Geographic variations of Birds ; . . . Humidity . . . (*N.Y. Zool. Soc. Bull.*), 1908, 100.
— Seasonal changes of colour in Birds (*The American Naturalist*), 1908, 266.

- Beebe*, Our search for a Wilderness, **1910**, 251.
 — *Jungle Peace*, **1919**, 65.
 — A Monograph of the Pheasants, **1923**, 245.
Beebe and Crandall, The Yucatan Jay (*Zoologica*, N.Y.), **1912**, 100.
Beetham, Home-life of the Spoonbill, **1911**, 70.
 — Photography for Bird-lovers, **1911**, 243 ; **1920**, 16.
 — Among our banished Birds, **1927**, 341.
Bent, . . . N. American Diving Birds (*U.S. Nat. Mus. Bull.*), **1919**, 253.
Berridge's List of Natural History Photos., **1919**, 254.
Bickerton, Home-life of the Terns, **1913**, 389.
Birchley, British Birds for Cages . . . **1910**, 76.
Blaauw, Rare Waterfowl . . . bred at Gooilust (*IBIS*, Jan., 1904), **1904**, 137.
Bonhote, Hybridizing of Ducks, **1907**, 219.
 — The Birds of Britain, **1908**, 130.
 — Vigour and Heredity, **1916**, 93.
B.O.U., List of British Birds, 2nd Edition, **1915**, 223.
Brabourne and Chubb, Birds of S. America, vol. i, **1913**, 179.
Bradburn, British Birds in Captivity, **1900**, 132 ; 2nd Edition **1903**, 369.
Brook (A.), The Buzzard at Home, **1920**, 130.
Bureau, L'Age des Perdrix, **1912**, 74.
Butler (A. G.), Foreign Finches in Captivity, *Parts* : **1895**, 14, 38, 76, 98 ; **1896**, 10, 43, 125, 170.
 — British Birds . . . **1896**, 181 ; **1897**, 70, 206.
 — Foreign Bird-keeping, *Part i*, **1899**, 178.
 — Hints on Cage-birds, **1903**, 331.
 — How to Sex Cage-birds, **1908**, 40.
 — Foreign Birds for Cage and Aviary, *Part i*, **1909**, 78 ; *Part ii*, **1911**, 49.
Butler and Frohawk, Birds' Eggs of the British Isles, **1903**, 401.
Campbell, Nests and Eggs of Australian Birds, *Parts* : **1901**, 124 ; **1911**, 306.
Chapman (Abel), Bird-life of the Borders, **1907**, 247.
Clarke (W. Eagle), Studies in Bird Migration, **1913**, 37.
Collett, The Heart of a Bird, **1928**, 77.
Cooke, North American Ducks (*U.S. Dept. of Agriculture*), **1907**, 75.
Cornish, Life at the Zoo, **1895**, 105.
 — Animals at Work and Play, **1897**, 145.
Coward, The Vertebrate Fauna of Cheshire and Liverpool Bay, **1910**, 249.
 — Migration of Birds, **1912**, 171.
Crawshay, The Birds of Tierra del Fuego, **1908**, 99.
Currey, Poems on Birds for Children, **1929**, 84.
Dalghiesh, Familiar Indian Birds, **1907**, 343 ; **1912**, 255.
Dewar (J. M.), Annals of no importance (*Indian notes*), **1906**, 41.
 — Bombay Ducks, **1906**, 269.
 — Indian Birds, **1910**, 248.
 — The Bird as a Diver, **1924**, 144.
 — Birds at the Nest, **1928**, 76.
Dewar and Finn, The Making of Species, **1909**, 301.

- Dixon*, Lost and Vanishing Birds, 1898, 193.
Donald, Companions : Feathered, Furred, and Scaled, 1918, 307.
 — In Nature's Garden, 1922, 110.
Emerson, Birds, Beasts, and Fishes of the Norfolk Broadland, 1896, 43.
Farrar (C. D.), Through a Bird-room Window, 1925, 159.
 — Bird-room and Aviary, 1927, 198.
Fillmer (H. R.), Waxbills, Grassfinches, and Mannikins, 1897, 194.
Finn (Frank), Cage-birds of Calcutta (*ex IBIS*), 1902, 30.
 — Fancy Pheasants, 1902, 52.
 — Birds of Calcutta, 1902, 169 ; 2nd Edition 1905, 143.
 — Variation in Birds (*Reprint*), 1903, 111.
 — Fancy Waterfowl, 1903, 331.
 — The Identification of Birds (*from Animal Life*), 1904, 136.
 — How Birds Propose (*Picture Postcards*), 1906, 42.
 — Garden and Aviary Birds in India, 1907, 47.
 — Indian Waders, 1907, 73.
 — Birds of the Countryside, 1907, 189.
 — Ornithological Oddities, 1907, 247.
 — Pets and how to keep them, 1908, 132.
 — The World's Birds, 1908, 267.
 — Waterfowl of India and Asia, 1910, 74.
 — Eggs and Nests of British Birds, 1910, 250.
 — Talks about Birds, 1912, 102.
 — Bird Behaviour, 1919, 230.
 — Circe's Worshippers, *Verses*, 1923, 245.
 — Wildfowl of the World, 1924, 272.
 — The Masque of Birds and other Poems, 1926, 227.
Flower, The Zoos . . . of Europe, 1908, 315.
 — Giza Zoo . . . List of Animals, 2nd Edition 1911, 215.
Flower and Nicoll, . . . Birds Protected . . . in Egypt, 1919, 82.
Forrest, Handbook of the Vertebrate Fauna of N. Wales, 1920, 15.
Galloway, Canary Breeding (*from BIOMETRIKA*), 1910, 96.
Galsworthy, For Love of Beasts, 1913, 97.
Gilbert and Brook, Secrets of Bird Life, 1930, 334.
Gladstone, Birds and the War, 1919, 231.
Glegg, . . . Birds of Essex, 1929, 149.
Greene (W. T.), Hard-billed British Birds (*Lecture*), 1895, 59.
 — Foreign Fancy Birds . . . 1896, 92.
 — Popular Parrakeets, 1898, 131 ("the illustrations are shocking").
 — Notes on Cage-birds, 2nd Series, 1899, 56.
Gurney (J. H.), Early Annals of Ornithology, 1921, 30.
Haagner, South African Birds of Prey (*S. Afr. Orn. Union*), 1909, 79.
Haines, The Birds of Rutland, 1907, 279.
Hall, Key to the Birds of Australia, 1907, 133.
 — Glimpses of Australian Bird Life, 1907, 343.
 — Useful Birds of South Australia, 1908, 347.
Harris, Essays and Photographs (*Canary Islands and South Africa*), 1903, 238.
Hartert and others, Hand-list of British Birds, 1912, 258.
Headley, The Flight of Birds, 1912, 255.

- Heatherly*, The Peregrine . . . at the Eyrie, **1914**, 49.
Hett, A Dictionary of Bird-names, **1898**, 209.
Hiesemann, How to attract and protect Wild Birds, 3 Editions, **1908**, 313 ; **1911**, 189 ; **1913**, 65.
Hingston, A Naturalist in the Himalaya, **1921**, 13.
Homer, Weather Instruments and how to use them, **1911**, 73.
Hopkinson, Records of Birds bred in Captivity, **1926**, 341.
Horsbrugh, Game-birds of S. Africa, *Parts i and ii*, **1912**, 252, 345.
Hose, The Field-book of a Jungle-wallah, **1929**, 306.
Howard, British Warblers. *Parts* : **1907**, 218 ; **1908**, 215 ; **1909**, 221 ; **1910**, 253 ; **1911**, 189 ; **1912**, 253 ; **1913**, 124.
Hubbard, Ornamental Wild Fowl, **1908**, 103.
Hudson, British Birds, **1895**, 125.
— The Book of a Naturalist, **1920**, 33.
— Birds in Town and Village, **1920**, 70.
Ingram (C.), Birds of the Riviera, **1926**, 113.
Job (H. K.), Propagation of Wild Birds (New York), **1924**, 272.
Johns, I go a-walking . . . **1906**, 41.
— British Birds in their Haunts, 12th Edition **1911**, 215.
Jourdain, The Eggs of European Birds, *Parts i to iv*, **1906**, 270 ; **1907**, 187 ; **1909**, 194 ; **1911**, 160.
Journals, etc. :—
ACCLIMATATION DE FRANCE (BULLETIN DE LA SOCIÉTÉ NATIONALE DE), **1911**, 274.
AUK (The), various numbers noticed, **1907**, 74.
— Moults : Gulls, **1921**, 29, 91.
BIRD NEWS, Californian Avicultural Society, first number **1909**, 223.
BIRD NOTES (Foreign Bird Club), **1902**, 170 ; At first called FOREIGN BIRD NOTES, **1902**, 11.
BRITISH BIRDS, Witherby, Monthly : first number, **1907**, 279 ; later numbers noticed, **1908**, **1910–13**, **1920**, **1921**, **1924**.
CAGE-BIRD HYBRIDS ("CAGE-BIRDS"), **1927**, 274.
CANARY AND CAGE-BIRD LIFE, first number, **1906**, 74.
COUNTRYSIDE (The), edited by E. Kay Robinson, **1924**, 111.
EMU (The), vol. i, **1902**, 72, 169 ; other numbers noticed, **1905**, **1909**, **1911**, **1912**, **1914**.
FEATHERED WORLD, Spring Number, **1898**, 130.
GEFIEDERTE WELT (DIE), "Now in its 54th year," **1925**, 294.
HERONRIES, "British Birds" Report on, **1929**, 167.
MENAGERIE CLUB YEAR-BOOK, THE AMATEUR, **1912**, 310 ; **1920**, 14.
NEW YORK ZOOLOGICAL SOCIETY BULLETIN, recent numbers, **1910**, 96, 337.
OISEAU (L'), first number **1920**, 63 ; later issues, 211.
OOLOGY, JOURNAL OF THE MUSEUM OF COMPARATIVE (Univ. of California). First two parts, **1919**, 218 ; another part, **1920**, 147.
— THE OOLOGISTS EXCHANGE AND MART, **1919**, 186.
REVISTA ITALIANA DI ORNITOLOGIA, **1912**, 144.
REVUE FRANÇAISE D'ORNITHOLOGIE, **1912**, 203, 287.
SCOTTISH NATURALIST (The), Nos. 10 and 11, **1913**, 97.

Reviews

- TRAVEL AND EXPLORATION, A new Magazine, *Witherby*, 1909, 142.
- UPPINGHAM SCHOOL NAT. HIST. REPORTS, 1908, 239 ; 1911, 274 ; 1912, 204.
- WILD LIFE, No. 1, 1913, 212.
- ZOOLOGICA (*New York*), 1910, 195.
- Judd, The Bobwhite and other Quails of the U.S., 1906, 164.
- Kearton, British Birds' Nests, 1912, 143.
- Kelsall and Munn, The Birds of Hampshire, 1906, 133.
- Law (S. C.), The Pet Birds of Bengal, 1925, 26.
- Living Animals of the World (The), 1902, 72.
- Lloyd's Natural History, 1896, 172.
- Lloyd, Birds of South-east Devon, 1929, 196.
- Lodge, Birds and their Story, 1906, 72.
- The Story of the Hedgerow and Pond, 1907, 47.
- Lorimer (*Norma*), By the Waters of Africa, 1918, 165.
- Low (G. C.), The Literature of the *Charadriiformes*, 1924, 170.
- Lowie (P. H. A.), A Naturalist on Desert Islands, 1912, 99.
- Macgillivray, Life of Wm. Macgillivray, 1910, 355.
- Macpherson, Home-life of the Golden Eagle, 1910, 75.
- Mannering (*Rosstyn*), Mules and Hybrid Birds, 1911, 218.
- Marks, Pen and Pencil Sketches, 1895, 45.
- McWilliams, The Birds of . . . Bute, 1927, 342.
- Meikle, After Big Game, 1919, 114.
- Meinertzhagen and Porter, Bird Life in an Arctic Spring, 1900, 11.
- Mellersh, The Birds of Gloucestershire, 1902, 201.
- Migration :—**
- Report on Immigration of Summer Birds, *Bull. B.O.C.*, 1907, 249 ; Third Report on Bird Migration, 1909, 79 ; Fifth, 1911, 72 ; Sixth, 1912, 76.
- Immigration in the Spring of 1911, *B.O.C. Report*, 1913, 98.
- PROBLEMS OF BIRD MIGRATION, A. L. Thomson, 1926, 159.
- Morris (*Stanley*), Bird Song, 1926, 51.
- Mullens and Swann, A Bibliography of British Birds, 1917, 93.
- Mullens, Swann, and Jourdain, A Geographical Bibliography of British Ornithology, *Parts*, 1920, 34, 35, 108.
- Neunzig's Edition of Russ's THE BUDGERIGAR, translation, 1928, 23.
- Nicholson, Birds in England . . . Protection, 1926, 112.
- How Birds Live, 1927, 199.
- Nicoll, Three Voyages of a Naturalist, 1908, 184.
- Wild Birds of the Giza Gardens, 1912, 232.
- North, Nests and Eggs of Australian Birds, *Parts* 1910, 97 ; 1912, 38, 102 ; 1913, 215.
- Ogilvie-Grant, List of British Birds, 1910, 358.
- Oldys, The Cage-bird Traffic of the U.S.A. (*U.S. Dept. of Agriculture*), 1908, 41.
- Page (W. T.), Aviaries and Aviary Life, 1912, 309.
- Parkin, The Great Auk, 1912, 101.
- Paton, The Birds of Ayrshire, 1929, 167.
- Patten, The Aquatic Birds of Great Britain, 1907, 132.
- Patterson, Nature in Eastern Norfolk, 1906, 112.

- Pigott*, Tommy . . . in *Natureland*, 1910, 73.
Prestwich, Who's who in Aviculture, 1929, 229.
Protection:—
 Protection . . . Birds in England, Nicholson, 1926, 112.
 Society for the Protection of Birds :—
 Captive Song-birds, 1899, 147.
 Feathers and Facts, 1911, 219.
 The A.B.C. of Common Birds, 1919, 254.
 The Humanitarian League, The other side of the bars, 1911, 272.
 Bulletin . . . Ligue franç. . . . Protect. Oiseaux, 1912, 173.
Rees, The Heron of Castle Creek and other Sketches of Bird-life, 1920, 71.
Renshaw (*Graham*), More Natural History Essays, 1906, 288.
 — Animal Romances, 1910, 246.
Rettich, Paper on Song-birds, 1898, 193.
Rivière, . . . the Birds of Norfolk, 1930, 332.
Rothera, The Nottingham Arboretum Aviary, 1895, 98.
 Royal Natural History, *parts noticed*, 1895, 84 ; 1896, 28.
Rubow, The Life of the Common Gull, 1912, 75.
Salter, Bird Life throughout the Year, 1918, 220.
Sclater (*P. L.*), *Galbulidae* (*Wytzman : Genera Avium*), 1910, 247.
Sclater (*W. L.*), The Birds of Colorado, 1912, 201 (*and see Stark and Sclater*).
Scott, Data of Song (*SCIENCE, U.S.A.*), 1902, 169.
 — The Story of a Bird-lover (*N.Y.*), 1904, 46.
Scully, Lodges in the Wilderness, 1919, 38.
Seth-Smith (*D.*), Parakeets. *Part i*, 1902, 200 ; *ii to v*, 1903, 146, 277, 329 ; *Conclusion*, 1904, 76.
 — The Importance of Aviculture, (*Proc. ivth Internat. Orn. Congr.*, 1907, 188).
 — Notes on a Naturalist's Visit to Australia, 1911, 71.
Seton Gordon, Hill-birds of Scotland, 1930, 333.
Shaler, Domesticated Animals . . . 1897, 10.
Shelley, Birds of Africa, *first 4 volumes*, 1905, 205, 334.
Shufeldt, Fossil Birds . . . Florida . . . 1918, 223.
Silver (*Allen*), British Bird Management, 1911, 191.
Silver and Trower, The Bird-keeper's Guide, 1908, 156.
Smith (*Amy*), The Rarer Birds of Somerset, 1912, 233.
Souëf (*D. Le*), Wild Life in Australia, 1908, 74.
Stark and Sclater, Birds of South Africa, *vols. ii to iv*, 1902, 30 ; 1904, 48 ; 1906, 199.
Swann (*H. Kirke*), Dictionary of English names of Birds, 1913, 272.
Symonds, The Birds of Bedfordshire, 1918, 254.
Tait (*W. C.*), The Birds of Portugal, 1924, 143.
Tavistock (*Marquess of*), Parrots . . . 1929, 51.
Tegetmeier, Pheasants, 1904, 227.
Thienemann, Die Vozelwarte Rossitten, 1910, 336.
Thompson, Who's who at the Zoo, 1903, 112.
Thomson (*A. Landsborough*), Problems of Bird Migration, 1926, 159.

Reviews

- Thorburn*, British Birds, vols. *i* to *iv*, **1915**, 223 ; **1916**, 65, 261 ; **1917**, 94 ; *Suppl. part*, **1918**, 198 ; *Second Edition*, **1925**, 158, 293 ; **1926**, 160, 340.
- A Naturalist's Sketch-book, **1920**, 55.
- Ticehurst*, History of the Birds of Kent, **1910**, 130.
- Turner*, Home-life of Marsh-birds, **1908**, 98.
- Walpole-Bond*, Field Studies of some rarer British Birds, **1914**, 281.
- Watkins*, The Birds of Tennyson, **1903**, 369.
- Westell*, British Bird Life, **1905**, 230.
- Whitaker*, The Birds of Tunisia, **1906**, 176.
- Whitman*, The Problem of the Origin of Species, **1907**, 73.
- Whympers*, Egyptian Birds, **1910**, 72.
- Wiglesworth*, St. Kilda and its birds, **1903**, 330.
- Witherby*, An Ornithologist in the Soudan, **1902**, 120.
- Witherby and others*, A Practical Handbook of British Birds,
Parts : **1919**, 153, 185, 232 ; *Completion*, **1924**, 112.
- Wollaston*, Life of Professor Newton, **1921**, 125.
- Wood (Theodore)*, Birds one should know . . . **1921**, 173.
- Wormald* . . . Ornamental Waterfowl, **1911**, 244.
- Zoo Guides, etc* :—
- Guide to the London Zoo, **1904**, 228 ; *New Edition* **1907**, 219.
- Dublin Zoo, *Reports*, **1909**, 194 ; **1911**, 245.
- Giza Zoo, Guide, 1904, 138.
- New York Zool. Park, *Book of Views*, **1918**, 199.
- Rhea, *ii*, 296.
- Rifle-birds, *ii*, 17.
- Robins, *ii*, 127.
- American Robin, 121.
- Rollers, *ii*, 166.
- Rose-finches, *ii*, 166.
- Roulroul, *ii*, 278.
- Rubythroat, *ii*, 130.
- Saffron Finches, *ii*, 100.
- Sand-Grouse, *ii*, 275.
- Science :—
- IS AVICULTURE A SCIENCE ? AGB. **1907**, 368.
- FOR LOVE OF SCIENCE, AGB. **1913**, 224, *276, 316, 319.
- WHAT IS SCIENCE ? AGB. **1915**, 365. Cf. *under* Aviculture and Ornithology.
- KNOWLEDGE REVEALING IGNORANCE, AGB. **1911**, 45.
- Scopus*, *ii*, 247.
- Screamers, *ii*, 251.
- Sea-birds, *ii*, 238.
- Secretary : The Secretary, Mr. Filmer, resigns, **1899**, 112.
- RETIREMENT OF MR. BONHOTE, **1913**, 95.
- MY EXPERIENCES AS A CORRESPONDENCE SECRETARY, AGB. **1920**, 68.
- Seeds :—
- Seeds for Foreign Birds, *HRF. **1896**, 96.
- Hemp, ***1903**, 282 ; MILLET, **1896**, 38 ; Paddy-rice, ***1899**, 37 ; **1905**, 82, 117.

*Grass-seeds for Waxbills, *1899, 99 ; for Gouldians, 1901, 63.

*Queensland grows Canary-seed, 1917, 238.

Senegal Parrot, *ii*, 207.

Serins, *ii*, 97.

Sex, Sexing :—

Sexing of Parrots : *Query and replies*, 1895, 27, *. . . Bulbuls and Singing Finches, AGB. 1902, 97 . . . BICHENO FINCHES, AGB. 1904, 219 ; Parrakeets, 1914, 59, *87, 110.

Sexing birds, Greene, 1902, 175 ; AGB. 1914, 86.

Sexing by swinging needle and coin, 1897, 197.

ON SEXUAL DIFFERENCES IN THE WINGS OF BIRDS, AGB. 1900, 81.

Sexual differences, *AGB. 1903, 246.

Sexual selection in Birds, *1909, 335 ; NOTES ON . . . Finn, 1912, 209, 237.

Shama, *ii*, 125.

Sheathbills, *ii*, 238.

Shows and Exhibitions :—

AQUARIUM SHOW, Oct., 1895, A VISIT TO THE, Williamson, 1896, 21, *48, 61, 76.

BALHAM SHOW, Nov., 1899, Notes by Simpson, 1900, 27, and SS. 29.

BRIGHTON, BIRD SHOW AT, Report, HRF. 1896, 118. A Bazaar there. Bird-show at a Bazaar, *1895, 43 ; 1896, 175.

CRYSTAL PALACE (C.P.) :—

Feb. 1895, Reports, AGB., RP., and HRF. 1895, 49, *67, 77.

Feb. 1896, Reports, Bonhote, Simpson, HRF., and RP. 1896, 65, 69, 73, 89 ; *letter*, *108.

1897, Reports, Bonhote, Marshall, AGB., SS., and Simpson, 1897, 84, 87, 89, 91, 95, *120, 133.

Feb. 1898, Reports, Marshall, AGB., HRF., and Cresswell, 1898, 79-90.

Oct. 1898, Reports, SS., Bonhote, Simpson, and HDA. 1898, 8, 13, 15, 18.

1899, Reports, SS., HRF., and Cresswell, 1899, 87-93.

1900, Notes by SS., Bonhote, and Dutton, 1900, 105, 108, 111, and *136 (Camps).

Feb. 1901, Notes, SS. 1901, 96 ; Bonhote, 99.

Nov. 1901, Notes, SS. 1902, 22.

Feb. 1902, Notes by the Editor, 1902, 92.

Feb. 1903, SS. 1903, 179.

Dec. 1903, Foreign Birds, SS. 1904, 102, RARE FOREIGN BIRDS AT THE . . . SS. 1904, 69.

Jan. 1904, Foreign Birds, SS. 1904, 164.

Jan. 1905, Report by the Editor, 1905, 141.

Feb. 1906, SS. 1906, 172, 209.

Feb. 1907, FOREIGN BIRDS, SS. 1907, 148.

Feb. 1909, SS. 1909, 167.

Feb. 1910, Reports, Silver, SS., and Finn, 1910, 135.

Feb. 1911, Reports, Silver and SS. 1911, 150, 153.

1923 (or 1924), FOREIGN BIRDS, SS. 1924, 61.

Feb. 1925, FOREIGN BIRDS, SS. 1925, 106.

Feb. 1926, Reports, Gurney and SS. 1926, 55, 56.

1927, Foreign Birds, SS. 1927, 84.

Shows

- 1928, Foreign Birds, Prestwich, 1928, 72.
1929, Foreign Birds, Prestwich, 1929, 73.
1930, Foreign Birds, Prestwich, 1930, 70.
- EDINBURGH SHOW, Dec. 1911, BRITISH AND FOREIGN BIRDS,
Goodchild, 1912, 119.
- HORTICULTURAL HALL :—
Dec. 1913, SOME RARITIES . . . 1914, 117.
Nov. 1914, SOME NOTEWORTHY EXHIBITS . . . HDA. 1915, 70.
- LCBA. SHOWS :—
Nov. 1894, Report, RP. 1895, 36.
Dec. 1908, Foreign Birds, SS. 1909, 108.
Nov. 1910, RARE BIRDS AT THE . . . SS. 1911, 75.
Nov. 1911, Reports, Finn and Bonhote, 1912, 61, 66.
Nov. 1912, Report, Goodchild, 1913, 90.
- L.&PO. Show :—
Oct. 1894, Report, RP. 1895, 26.
Oct. 1896, Report, RP. 1897, 23.
Nov. 1897, Reports, RP. and HRF. 1898, 30, 34.
Oct. 1900, Report, RP. 1901, 21.
- OLYMPIA :—
Jan. 1922, FOREIGN BIRDS . . . Silver, 1922, 22.
- PAIGNTON SHOW, FOREIGN BIRDS AT . . . SS. 1926, 16.
- Exhibiting*
- THE ETHICS OF EXHIBITING, Cronkshaw, HRF., AGB., and others,
1895, 11, 124, 125 ; *1896, 14, 29, 78.
*The Cage-bird Club wound up, 1896, 14.
*Foreign Bird Exhibitors' League Formed, 1898, 134 ; *To be
revived, 1929, 153.
- THE U.K. FOREIGN CAGE-BIRD SOCIETY, HRF. 1900, 229.
- Shrikes, *ii*, 143.
Cuckoo-shrikes, 144.
- Sialia*, *ii*, 129.
Sibia, *ii*, 150.
Silverbills, *ii*, 70.
Siskins, *ii*, 96.
Solitaires, *ii*, 157.
- Song :—
*The Song of hand-reared birds, 1895, 77, 85 ; *Inheritance of
Song, 1902, 32 ; INSTINCT IN SONG-BIRDS, Scott (*from SCIENCE*
U.S.A.), 1903, 273 ; BIRD-SONG by "Birdlover," 1916, 304 ;
BIRD SONG IN AUTUMN, Cash, 1919, 223.
- Sparrows, *ii*, 101.
- SPECIES AND SUB-SPECIES, Finn, 1927, 158.
Mutations in Birds, AGB. 1906, 48 ("many supposed species are
mutations").
- Species new to Aviculture . . . EH. 1926, 160, *228.
Spermophila (*Sporophila*), *ii*, 91.
Spoonbills, *ii*, 248.
Spotted-wing, *ii*, 30.
Sprosser, *ii*, 126.
"Star-finch," *ii*, 74.
Starlings, *ii*, 21-30.

Storks, *ii*, 247.
 STRAY NOTES, SS. 1921, 28, 41, 59, 87, 106, 153.
Struthidea, *ii*, 9.
 Sugar-birds, *ii*, 54.
 Sunbirds, *ii*, 114.
 Swallows, *ii*, 155.
 Swans, *ii*, 252.
 Swift, *ii*, 178.
 Swift Parrakeet, *ii*, 231.

Tame birds, taming :—

BIRDS EASY TO TAME, AGB. 1897, 144.

INTELLIGENT PETS, Alderson, 1901, 113, *147; RECOLLECTIONS OF SOME BIRD FRIENDS, Hamilton, 1905, 30, 66; SOME GARDEN PETS (*Cranes*), Mrs. Gregory, 1906, 263.

Tanagers, *ii*, 38–53.

Teal, *ii*, 258.

Thickheads (*Pachycephala*), *ii*, 144.

Thrashers, *ii*, 119.

Thrushes, *ii*, 120; Jay-thrushes, *ii*, 146.

Timeliidae, *ii*, 145.

Tinamous, *ii*, 292.

Tits, *ii*, 139; Crow-tits, *ii*, 140.

Todies, *ii*, 173.

Toucans, *ii*, 175.

Touracous, *ii*, 171.

Towhees, *ii*, 109.

Trade (*see also under* Importation) :—

THE HARMLESS NECESSARY DEALER, Farrar, 1902, 22.

ENGLISH BIRD DEALERS v. GERMANS, HDA. 1915, 267, and *see under* German.

Feather sales, 1896, 80; *Bird-skin sales, 1906, 361; 1907, 78; VICTIMS OF FASHION (*Egrets, etc.*), Dalgliesh, 1908, 176; THE PLUMAGE QUESTION AND AVICULTURE, Bonhote, 1913, 61; *Feather Trade, 1913, 346, 383; *Enforcing the Aigrette Law, 1913, 249, 276, 318; THE PLUMAGE TRADE, Dewar, 1920, 20; *see also under* Egrets, *Part ii*, 245.

The Traffic in Insectivorous birds: a Warning, 1893, 174, *190; Fullj. 1897, 19, 37.

Cage-bird Traffic in the U.S.A., 1908, 41.

THE AUSTRALIAN BIRD-MARKET, Rogers, 1920, 105.

THE BOMBAY BIRD-MARKET, Harper, 1916, 138.

THE BIRD-MARKET OF CARACAS, Pam, 1915, 251.

Tragopans, *ii*, 285.

Transport :—

THE TRANSPORT OF BIRDS, Finn, 1912, 298, 336; COMING AND GOING, Alderson (*packing, etc.*), 1916, 201.

A TRIP TO AUSTRALIA (*with birds*), Carrick, 1902, 223.

Trogon, *ii*, 172.

Troupials, *ii*, 32.

Trumpeters, *ii*, 251.

Trumpeter-bullfinch, *ii*, 99.

Turkeys

Turkeys, *ii*, 289 ; Brush-turkey, *ii*, 294.

Turnix, *ii*, 291.

Turquoise, *ii*, 229.

Turtledoves, *ii*, 267.

Tyrants, *ii*, 161.

VALUE :—

THE PRICELESS VALUE OF THE LIVE BIRD, RP. 1914, 29 (*insect killing, etc.*) ; THE VALUE OF BIRD-LIFE, Cash, 1918, 10.

Verses :—

To my Parrot, Haslope, 1902, 230 ; The Blue Robin, 1912, 86 ; The Piping Crow, 1915, 221 ; A Spring Migrant, 1916, 210 ; The Hermit Thrush, 1916, 289 ; The Ring-necked Parrakeet, Finn, 1928, 47 ; New Year Notes, Finn, 1930, 32.

Vireos, *ii*, 144.

Waders, *ii*, 239.

Wagtails, *ii*, 56.

War, The :—

First mention, Sept. 1914, 337.

WHAT DID WE DO IN THE GREAT WAR ? . . . G.R. 1918, 227.

Aviculture and Agriculture ; our duty to Belgium, 238 ; Our War aims, 258.

THE EFFECT OF MODERN HIGH EXPLOSIVES ON BIRDS, St.Q. 1915, 181.

SWALLOWS AT THE FRONT, 1917, 75 (*see also under Wild Life (Flanders, etc.)*)

Delacour's Collection at Villers-Bretonneux destroyed in the fighting, 1918, 269.

Post-War

THE TURNING TIDE, Oct. 1918, G.R. 1918, 289.

*The revival of Aviculture, Rogers, 1919, 168 ; *200, 248 ; 1920, 21 ;

FULL CIRCLE : REVIVED AVICULTURE, 1920, 93 ; *131.

Warblers, *ii*, 135.

WASHINGTON MUSEUM, Shufeldt, 1918, 190, 273, MOUNTED BIRD EXHIBITS AT THE

Waxbills, *ii*, 80-85.

Waxwings, *ii*, 142.

Weasel in the aviary, *1899, 74.

WEATHER :—

THE LATE RAINS AND THEIR EFFECT ON BIRD-LIFE, M-W. 1903, 324 ; THE WEATHER AND OUR SUMMER BIRDS, Galloway, 1908, 248 ; NOTES ON THE MILD WINTER AND THE BIRDS, Galloway, 1913, 205 ; EXOTIC BIRDS ENDURANCE DURING A COLD WINTER (1917) IN FRANCE, Delac. 1917, 257 ; BIRD-LIFE AS AFFECTED BY DROUGHT, Barnard, 1917, 309 ; LYNMOUTH BIRDS AND THE WINTER OF 1916-17, Briggs, 1918, 237 ; EFFECT OF THE RECENT SEVERE WEATHER ON FOREIGN BIRDS, Tavis. 1929, 107. Cf. Winter.

EFFECTS UPON BIRD LIFE OF THE . . . STORM OF AUGUST 18, 1916., Sell (*from the CONDOR*, 1919, 58.

Weavers and Waxbills (*Ploceidae*), *ii*, 58-85.

Whistling Thrushes (*Myiophonus*), *ii*, 120.

White-eyes, *ii*, 116.

Whydahs, *ii*, 63.

Wild Life, arranged regionally :—

British Isles

BRITISH BIRDS ON MIGRATION THROUGH ITALY, Momber, 1910, 171 ; . . . ON THE RIVIERA, Momber, 1910, 113, 168, *editorial correction*.

BRITISH BIRDS IN NEW ZEALAND, 1908, 71.

THE POOR WILD BIRDS ! AGB. 1917, 179.

RAMBLES AMONG THE WILD BIRDS, Blathwayt, 1902, 251 ; 1903, 124 ; 1904, 36 ; 1905, 190 ; 1909, 65.

ORNITHOLOGICAL RAMBLES, Goodchild, 1910, 241, 310.

MY BEST BIRD VIEW LAST YEAR, BS. 1913, 78.

BIRD LIFE IN 1918 (*England*), Silver, 1919, 196, 206, 225.

BIRDS IN TOWNS, Sergeant, 1903, 97.

London :—

BIRDS IN THE LONDON PARKS, HDA. 1917, 45.

OBSERVATIONS ON THE BIRDS OF A SUBURBAN GARDEN, Stone, 1916, 61 ; Goodall, 191 ; BIRDS IN LONDON AND SUBURBIA, Silver, 1917, 228 ; BIRDS IN A GARDEN NEAR LONDON, Currey, 1922, 55, 141.

THE BIRDS OF RICHMOND PARK, Gosse, 1919, 183.

SOME LARGER BIRDS OF LONDON, Finn, 1930, 190.

Southern Counties :—

. . . A CAMERA AMONG OUR SOUTH COUNTRY BIRDS, Renaut. 1905, 134.

BIRD NOTES FROM KENT, M-W. 1913, 149.

LYNMOUTH BIRDS AND THE WINTER OF 1916-17, Briggs, 1918, 237.

WINTER BIRDS IN MID-DORSET, Williams, 1918, 125, 162.

HAMPSHIRE BIRDS, Weir, 1919, 8.

Eastern Counties :—

BIRDS NOTICED IN . . . SUFFOLK, Whistler, 1905, 165.

ORNITHOLOGICAL REPORT FOR NORFOLK (*July to Nov.*), J. H. Gurney, 1918, 96.

North England :—

THE CHALK CLIFFS OF YORKSHIRE, Blathwayt, 1909, 65.

A VISIT TO THE FARNE ISLANDS, Blathwayt, 1903, 124 ; *Proposed sale of the Farne Is., 1924, 41.

Wales :—

STRAY NOTES ON THE BIRDS OF THE COUNTRYSIDE (*Montgomeryshire*), Rattigan, 1916, 226.

Scotland :—

ON HIGHLAND LOCHS, Blathwayt, 1904, 30.

JOTTINGS FROM SCOTLAND, "*Sylvia*," 1905, 77.

AMONG THE BIRDS IN SUTHERLAND, 1912, 283.

SPRING BIRD NOTES FROM . . . SCOTTISH ISLANDS, D. Bedf. 1915, 204, 233.

Ireland :—

BIRDS BY AN IRISH STREAM IN WINTER, Workman, 1904, 220.

BIRD AND NATURE NOTES IN IRELAND, Renshaw, 1918, 244.

Europe

North Europe :—

NOTES ON BIRDS IN ICELAND, BS. 1908, 221.

BIRD NOTES FROM THE FJORDS, Staples-Browne, 1915, 307.

Flanders and the War Area :—

BIRDS IN FLANDERS, Potter, 1915, 298 ; BIRDS IN FLANDERS DURING THE WAR, Tweedie, 1916, 132 ; BIRDS SEEN IN FLANDERS, Gosse, 1916, 197 ; *Bird-life on the Battlefields, 1917, 239 ; BIRDS IN AND AROUND THE FIRING LINE, Hamilton Scott, 1918, 247 ; FURTHER NOTES ON BIRDS IN THE WAR AREA AND BEYOND, HS. 1919, 191.

France :—

. . . BIRD NOTES FROM SOUTH PROvence, Lady Wm. Cecil, 1914, 138.

SOME CORSICAN BIRDS, Porter, 1921, 36.

South Europe :—

BIRD-LIFE ON THE LAKE OF GENEVA, Hutchinson, 1924, 101.

ROUGH NOTES FROM THE MEDITERRANEAN, Newman, 1905, 305.

NOTES ON THE BIRDS OF THE BALEARIC ISLANDS, Gosse, 1919, 243 ; 1920, 8, 25.

BRITISH BIRDS ON THE RIVIERA ; . . . THROUGH ITALY, see above ; (*British Is.*) ; BIRDS OF THE RIVIERA, Forbes, 1925, 41.

THE BIRDS OF A SICILIAN GARDEN, 1930, 237.

SOME BIRDS OF THE BALKANS, Potter, 1917, 141, 193.

BIRDS IN MACEDONIA, Potter, 1916, 248 ; 1918, 24.

Canary Is. :—

SOME BIRD NOTES FROM TENERIFFE, G. H. Gurney, 1927, 267, 287.

Africa.

North Africa :—

A NATURALIST'S RAMBLE IN ALGERIA, Workman, 1904, 72.

NOTES FROM N.W. AFRICA, Newman, 1910, 212, 230, 269 ; 1911, 287, 356.

SOME NOTES ON A FEW EGYPTIAN DESERT BIRDS, Lady Wm. Cecil, 1911, 23 ; . . . NOTES ON SOME EGYPTIAN BIRDS SEEN . . . GIZA, G. H. Gurney, 1928, 148.

. . . NOTES ON BIRDS OF THE ATBARA . . . Percival, 1906, 283, *293 ; A MORNING'S BIRD-NESTING ON THE NILE, Percival, 1906, 227 ; . . . SOME BIRDS OF THE WHITE NILE, Charrington, 1904, 315, 370 ; DIARY OF BIRDS SEEN ON THE WHITE NILE, Staples-Browne, 1912, 157, 182, 218.

BIRD NOTES FROM PORT SUDAN, Waterfield, 1914, 70.

East Africa :—

*East African Birds, 1919, 41.

BIRD NOTES FROM UGANDA, L. M. Seth-Smith, 1905, 222 ; NOTES ON A TRIP TO UGANDA, L. M. S-S. 1906, 119, photo ; RANDOM NOTES . . . IN UGANDA, L. M. S-S. 1911, 84.

BIRD-LIFE AT RIPON FALLS (*Upper Nile*), Lorimer, 1919, 39.

NOTES ON BIRDS OF MT. SELINDA, GAZALAND, Porter, 1926, 263, 292.

NOTES FROM PORTUGUESE EAST AFRICA, Porter, 1927, 208.

SOME COMMON BIRDS OF THE SEYCHELLES, Thomasset, 1905, 73.

West Africa :—

*Birds of Kumasi, Horsbrugh, 1899, 163.

BIRDS OF THE GAMBIA, EH. (*from the J. Afr. Soc.*), 1918, 144 ;

Pigeons of the Gambia, EH. 1919, 24, 104 ; 1923, 184, 231 ;

Game-birds of the . . . 1923, 125, 166.

South Africa :—

SOME FIELD NOTES FROM . . . Horsbrugh, 1904, 94.

FIELD NOTES FROM BLOEMFONTEIN, Horsbrugh, 1905, 250 ; BIRDS OF A BLOEMFONTEIN GARDEN, Horsbrugh, 1909, 244.

BIRDS ALONG THE RIVER NEAR OUDTSHOORN, Blaauw, 1916, 243.

NOTES FROM RHODESIA, Porter, 1925, 209, 249, 267, 310 ; 1926, 3, 72, 91, 234.

India

STRAY NOTES ON INDIAN BIRDS, Finn, 1909, 263, 299, 330, 352 ;

1910, 128, 191, 287, 294 ; JOTTINGS ON SOME COMMON INDIAN

BIRDS, Trevor-Battye, 1915, 209 ; INDIAN BIRDS IN WINTER,

Sherman, 1918, 301 ; INDIAN BIRDS, Sherman, 1919, 143, 210.

BIRD-FEEDING IN INDIA (*by the Jains*), Trevor-Battye, 1915, 221 ;

A BIRD-SHRINE IN SOUTH INDIA, Law, 1923, 161.

A RAMBLE IN CEYLON, Humphrys, 1904, 124.

North America

SOME CANADIAN BIRDS, Rathbone, 1914, 348 ; A STATION FOR THE STUDY OF BIRD LIFE (*in Pennsylvania*), 1904, 364.

ABOUT BIRDS IN N. AMERICA, Blaauw, 1922, 51, 65, 97, 184.

THE ROMANCE OF A TROPICAL FOREST, Housden, 1923, 121, 205, 271.

BIRDS ON A WESTERN RANCH, NEW MEXICO, Housden, 1924, 81, 186.

AMERICAN BIRD GOSSIP, Housden, 1926, 59, 128 ; 1927, 5.

THE CALL OF THE WILD (*N. Amer.*), Housden, 1928, 209 ; 1929, 47, 93.

W. Indies.

FIELD NOTES ON SOME BAHAMA BIRDS, Bonhote, 1902, 278 ; 1903, 19, 54, 87, photos.

*On the Birds of Jamaica, Williams, 1901, 212, 227 ; *Birds of Cuba and Jamaica, 1904, 254 ; NOTES ON SOME JAMAICAN BIRDS, Attewell, 1912, 68.

NOTES FROM TRINIDAD, Murray, 1929, 311.

NOTES ON THE BIRDS OF DOMINICA, Porter, 1930, 114, 146.

S. America.

GLIMPSES OF SOUTH AMERICAN ORNITHOLOGY, Brabourne, 1914, 325.

NOTES ON FIELD ORNITHOLOGY . . . IN TROPICAL AMERICA, Delac. 1922, 101 ; . . . A BIRD-LOVER IN . . . Delac. 1922,

148, 161, 177 ; NOTES OF A BIRD-LOVER IN VENEZUELA, Delac. 1922, 112, 129.

A NATURALIST'S NOTES IN ECUADOR, Goodfellow, 1900, 65, 89, 120, 160, 221, 262 ; "*Charming and instructive articles*," Editor, 270.

Argentina, *Bird notes from, 1905, 171.

BIRDS ABOUT BUENOS AIRES, Todd, 1900, 150 ; BIRD-LIFE NEAR BUENOS AIRES, Potter, 1925, 36, photos.

Wild Life

ON BIRDS . . . BETWEEN PUERTO VARAS AND P. MONTE (*S. Chile*), Blaauw, 1913, 192, photos.

Australia

*Campbell's "*AUSTRALIAN BIRDS*" is about to appear, 1900, 87 ; REMINISCENCES OF A FIELD COLLECTOR, Campbell (*from the EMU*), 1916, 253.

*A Paradise for Birds, 1902, 142.

NOTES ON MY VISIT TO AUSTRALIA, SS. 1908, 287, 309 ; 1909, 45, 73, 133, 161, 209, 256 ; 1910, 24, 151, 204, 331, photos, 345, *list of birds brought home*.

AUSTRALIAN BIRD-NOTES (*nests, etc.*), Mathews, 1911, 209.

BIRD TALK, *by an old Australian Bird-lover*, 1918, 83.

AUSTRALIAN SONG-BIRDS, Sherrie, 1918, 89 ; SONGSTERS OF N.S.W., North, 1918, 86.

. . . AUSTRALIAN BIRD-TYPES, North, 1918, 91, 265.

SEA AND SHORE BIRDS OF AUSTRALIA, North, 1918, 263.

THE TWELVE SWIFTEST BIRDS OF AUSTRALIA, Sorensen, 1919, 73 ; PUGNACIOUS AUSTRALIAN BIRDS, Sorensen, 1919, 75, 99.

HOW SETTLEMENT AND OTHER FACTORS ARE AFFECTING NATIVE BIRDS, A. S. Le Souëf, 1924, 35.

BIRDS OF THE SOUTH, *from the SYDNEY DAILY TELEGRAPH*, 1917, 144.

SPRING IN NEW SOUTH WALES, Heumann, 1916, 77 ; BIRD LIFE ON THE YANKO CREEK. N.S.W., Barrett (*ex EMU*), 1916, 335 ;

GARDEN BIRDS IN SYDNEY, A. S. Le Souëf, 1919, 134 ; BIRD-LIFE ABOUT MOREE, N.S.W. . . . 1919, 177.

OBSERVATIONS FROM THE FERN-TREE GULLY DISTRICT, VICTORIA, L. & L. (*ex EMU*), 1917, 316.

*Birds of a Murray River Island (*S. Australia*), 1916, 181.

BIRDS OF QUEENSLAND, 1917, 237 ; *Queensland grows canary-seed, 1917, 238.

SOME TASMANIAN BIRDS' NESTS, Dove (*ex EMU*), 1917, 198, 234, 258.

New Zealand

*Resolution I. to be a sanctuary, 1902, 52 ; *Bird-preservation in N.Z. 1905, 213.

British Birds in N.Z. 1908, 71.

NOTES ON NEW ZEALAND BIRDS, BS. 1921, 79 ; A TRIP TO NEW ZEALAND, Appleby, 1926, 175.

Oceania, etc.

. . . BIRDS SEEN DURING THE CRUISE OF THE "VALHALLA", M-W. 1906, 337 ; 1907, 83, 144, photos.

SOME BIRDS OF THE PHILIPPINE ISLANDS, McGregor, 1914, 78.

NOTES ON HONOLULU BIRDS, Maud, 1916, 186.

NOTES ON SOME FIJIAN BIRDS . . . Bahr, 1912, 49 ; ON FIJI PARROT FINCHES AND OTHER SOUTH SEA ISLAND MATTERS, 1916, 279 ; *Birds of Fiji, Casey A. Wood, 1924, 247.

Wings, *see* Anatomy.

Winter : OUR WINTER VISITORS, W. Swaysland, 1895, 13 ; WINTER BIRDS IN MID-DORSET, Williams, 1918, 125, 162.

Winter in the Aviary :—

Wintering foreign birds outside, Letters, 1898, 97, 132 ; 1904, 234 ; THE GARDEN AVIARY IN WINTER, Rothera, 1900, 101 ; THE MANAGEMENT OF SMALL FOREIGN BIRDS IN WINTER, Wiener, 1901, 17, *120 ; HOW TO KEEP SMALL FOREIGN BIRDS OUT OF DOORS IN WINTER, Page, 1901, 37, *60, 62, 86, 87 ; *Results (*bad*) of trying to keep birds in an unheated aviary in winter, 1911, 224 ; *Wintering birds in out-door aviaries, 1911, 251, 282 ; 1912, 72 ; THE WINTER TREATMENT OF FOREIGN BIRDS, L-K. 1915, 236, *294, 324, 355 ; Rattigan, 311.

SOME WINTER NOTES, Stokes, 1924, 159.

Woodpeckers, *ii*, 163.

Wood-swallows, *ii*, 141.

Wryneck, *ii*, 163.

Zebra Finch, *ii*, 72.

Zebra Waxbill, *ii*, 82.

Zoos ; Zoological . . .

Capt. Flower's Report on the Zoos of Europe, 1906, 287.

THE PRINCIPAL ZOOS . . . OF THE WORLD (*from Flower*), 1918, 176.

The London Zoo.

THE NEW BIRD HOUSE AT THE ZOO (*Czarnikow's*), 1907, 205 ; The new little indoor aviary, Finn, 1910, 167, photo ; THE SMALL BIRD HOUSE AT THE ZOO, Stokes, 1927, 2 ; Prestwich, 1928, 102 ; SS. 104.

THE NEW PARROT HOUSE AT THE ZOO, Prestwich, 1930, 215.

Seth-Smith's Appointment, 1909, 248.

A VISIT TO THE ZOO EIGHTY YEARS AGO, EH. 1917, 328 ; *1918, 105.

Notes from the Zoo, etc.

1900, 12, 32, 59, 83, 112, 133, 157, 183, 204, 230, 253, 278, NOTES FROM THE ZOO, Bonhote.

1901, 167, NOTES FROM . . . Page.

1902, 109, 144, 183, 215, BIRD NOTES FROM . . . *Editor*.

1904, 71, 106, 132, 145, 170, 201, 223, 250, 275, 301, 327, 356, Finn.

1905, 42, 206, 228, 255, 287, 374, SS.

1906, 265, 285, 315, SS.

1907, 310, *372, *list of specially interesting birds at the Zoo*.

1909, 294, *308, 329, 358, AVICULTURE AT THE . . . Finn ; 251, SS.

1910, 334, BIRD NOTES FROM . . . SS. ; 353, Bonhote.

1911, 44, 69, 101, 128, 159, 188, 211, 240, 267, 302, 339, 375, SS.

1912, 36, 71, 124, 141, 169, 197, 226, 251, 285, 342, SS.

1913, 36, 88, 122, 153, 211, 213, SS.

1914, 47, 320, SS.

1916, 297, NESTING NOTES FROM THE . . . SS., photos.

1920, 114, NOTES FROM THE . . . Welch.

1922, 27, 39, 75, 107, 122, STRAY NOTES, SS. (*mostly Zoo and new arrivals*). Continued as AVICULTURAL NOTES, *q.v.* under A.

Other Zoos.

*Exeter Change in 1791, 1905, 231.

Manchester Zoo.

AVICULTURE AT THE . . . Renshaw, 1919, 93 ; BIRD LIFE AT THE . . . Renshaw, 1920, 27.

Mr. Whitley's Zoo, Paignton.

MR. WHITLEY'S COLLECTION, SS. 1925, 274 ; BIRDS AT THE PRIMLEY ZOO, EH. 1927, 317 ; THE PRIMLEY ZOO, Delac. 1930, 259.

Edinburgh Zoo.

THE SCOTTISH ZOOLOGICAL PARK, Renshaw, 1918, 178, *204 ; (*it was opened July, 1913*) ; AVICULTURE AT THE SCOTTISH ZOO . . . Hunter, 1920, 61.

Dublin Zoo.

THE GREAT AVIARY AT THE . . . Rathbone, 1918, 189.

Jardin d'Acclimatation, Paris.

A WALK IN THE . . . Cresswell, 1897, 45, 112.

Amsterdam Zoo.

AVICULTURE AT THE . . . Renshaw, 1914, 167, photos.

Cologne Zoo.

THE . . . AFTER THE ARMISTICE, Delac. 1919, 86.

Frankfort Zoo.

CAGE-BIRDS IN THE . . . M-W. 1906, 25, 200.

Giza Zoo.

REPORT, Flower, 1906, 286, *1907, 136 ; Wild Birds at the . . . 1909, 172 ; THE GIZA ZOO, Bonhote, 1909, 268 ; Borman, *1928, 228 ; . . . NOTES ON CAPTIVE BIRDS BREEDING IN THE . . . Borman, 1929, 246.

THE PRETORIA ZOO, Renshaw, 1920, 51.

Australian Zoos.

*The Zoos of Australia, SS. 1909, 135.

*Bird Notes from the Perth Zoo, W.A., 1913, 41.

BIRDS IN THE MELBOURNE ZOO, D. Le Souëf, (*ex EMU*), 1918, 186:

Wellington Zoo, N.Z.

. . . BIRDS AT THE . . . BS. 1921, 63.

New York Zoo.

THE N.Y. ZOO. . . PARK, 1905, 110 ; THE NEW BIRD HOUSE AT THE . . . 1906, 38 ; MY FIRST VISIT TO THE N.Y. ZOO . . . Housden, 1922, 133.

Washington Zoo.

BIRDS IN THE NATIONAL ZOO . . . AT WASHINGTON, Shufeldt, 1920, 43.

Zosterops, ii, 116.

Part ii

LIST OF BIRDS

arranged in the following order :—

Passeres. Sections 1 to 162

Crows, Birds of Paradise, Starlings, Orioles, Hangnests, Tanagers (38–53), Sugar-birds, Mniotiltidae, Wagtails and Pipits, Larks, Weavers and Waxbills (58–85), Finches (86–113), Sunbirds, White-eyes, Flower-peckers, Honey-eaters, Mocking Birds, Thrushes, Forktails, Dippers, Accentors (134), Warblers, Goldcrests, Creepers, Nuthatches, Tits, Crow-tits, Wood-swallows, Waxwings, Shrikes (143), Cuckoo-shrikes, Fairy Bluebirds, Thickheads, Vireos, Babblers, Bulbuls, Swallows, Flycatchers, Solitaires, Phainopepla, Ptilogonys (157).

Broadbills (158), Pittas, Lyre-bird, Tyrants, Ovenbird, Chatterers (Cotingas, etc.), Umbrella Bird, Bell-bird (162).

Woodpeckers.
Cuckoos.
Barbets.
Rollers.
Hornbills.
Honey-guides.
Colies.
Touracous (171).
Trogon.
Todies.
Toucans.
Motmots.
Swift.
Nightjars.
Frogmouths.
Humming Birds (179).
Bee-eaters.
Kingfishers.
Parrots (182–232).

Lories, Kea, Dasyptilus, Cockatoos, Macaws, Conures, Amazons, South American Parrots, Lovebirds, Hanging Parrakeets, Racket-tails, Psittinus, African Parrots, Eclecti, New Zealand Parrots, Palaeornes, Polytelis, Broadtails, Budgerigars, Nymphicus, Swift Parrakeet, Kakapo.

Birds of Prey (233–5).
Owls.
Sea-birds.
Waders.
Bustards.
Cranes.
Hérons.
Kagu (246).
Storks.
Hammerhead (*Scopus*).
Spoonbills and Ibises.
Rails.

Crows

Courlans (250).
Jacanas.
Divers.
Grebes.
Finfoot.
Hoatzin.
Cariamias, Screamers, and Trumpeters.
Ducks and Geese (252-60).
Flamingos.
Pelicans.
Gannets and Cormorants.
Frigate Bird.
Pigeons (262-74).

Fruit-Pigeons, Columbinae, Turtledoves, Ground-doves, Bronzewings, etc., Gouras, Dodo.

Sand-grouse.
Game-birds (276-90).

Grouse, Quails, Partridges, Francolins, Pheasants, Junglefowl, Peafowl, Guineafowl, Turkeys, American Quails.

Hemipodes (*Turnix*).
Tinamous.
Curassows and Guans.
Megapodes and Brush-turkey.
Apteryx (295).
Cassowaries.
Emu, Rheas, and Ostrich.

(1)

THE CROW TRIBE, M-W. (PRACT. BIRD-KEEPING), 1912, 125 ;
1923, 73 (AVIC.). Plain plates.
SOME CROWS, Welch, 1922, 16.

(2)

Ravens

. . . BREEDING IN CAPTIVITY, St.Q. 1904, 202, 371 ; 1905, 175 ;
A TAME RAVEN, RP. 1915, 182 ; THE RAVENS, Blathwayt (RAMBLES
. . .), 1905, 190.

EASTERN RAVENS (*macrorhynchus*), Jones, 1919, 141 ; GREAT-
BILLED RAVENS IN CAPTIVITY, Stewart, 1913, 137.

(3)

New Guinea Crow, *Gymnocorax senex*, *Whitley, 1915, 275.

(4)

THE ROOK, Visct. Grey, 1927, 70 ; A BLUE-GREY VARIETY OF THE
. . . Blagg, 1917, 178.

(5)

Pies

Magpie, *1898, 151; . . . THE MAGPIE . . . CURIOUS FACTS, Koch, 1915, 92.

THE CHINESE BLUE PIE, *U. erythrorhynchus*, RP. 1895, 32.

THE OCCIPITAL BLUE PIE, *U. occipitalis*. THE BREEDING OF THE . . . Amsler (reared), 1915, 367, photo of young bird; *" were previously bred by Lord Lilford . . .", 1916, 70.

Forktailed Magpie, *Crypsirhina varians*, Zoo, 1928, 163.

(6)

Jays

THE JAYS, HDA. (*foreign*), 1917, 21.

THE JAY AS A CAGE-BIRD, Farnborough, 1899, 52.

WHISKEY JACK AND ANOTHER, Trevor-Battye (*Perisoreus canadensis*), 1916, 167.

THE SIBERIAN JAY, M-W. 1899, 101.

A JAY NEW TO AVICULTURE (*lidthi*), HDA. 1912, 91.

Lanceolated Jay, *At C.P. 1910, 142.

THE BLUE-BEARDED JAY, *Cyanocorax cyanopogon*, AGB. 1903, 227. PLATE (*note : 1899, 122).

Purple Jay, *C. affinis*, Some at Zoo, "very rare," 1912, 198.

NOTES ON THE "URRACA" JAY AND OTHER SOUTH AMERICAN BIRDS, Martin, 1907, 33.

GUATEMALAN JAY, *Xanthura cyanocapilla*, HDA. 1917, 21, PLATE.

THE YUCATAN JAY : AN AVICULTURAL FAILURE, Amsler, 1918, 116.

BEECHY'S JAY (*X. beecheyi*), BREEDING OF . . . (reared), Sutcliffe, 1926, 102.

THE PLUMED JAY, *Calocitta formosa*, G. H. Gurney, 1928, 81, *123, PLATE ; 1930, 184, *250, 309.

(7)

Cissas

A TAME HUNTING CISSA, Vernon, 1914, 62.

THE YELLOW-BREASTED CISSA, *C. h. hypoleuca*, Delac. 1927, 315, PLATE.

Chaulet's Cissa, *Zoo, 1928, 163.

(8)

Red-billed Chough, *1902, 269.

(9)

Grey Struthidea, *Zoo, 1900, 158.

(10)

Piping Crows

THE TASMANIAN MAGPIE, SS. 1903, 70.

THE AUSTRALIAN PIPING CROW, Stewart, 1915, 218; Verses on the . . . 221.

MY PIPING CROW, Staveley-Hill, 1916, 104 . . .

(11)

Birds of Paradise

. . . BOWER BIRDS AND BIRDS OF PARADISE, Mrs. J. (PRACTICAL BIRD-KEEPING), 1912, 145 ; BIRDS OF P. AND BOWER BIRDS, SS. 1923, (AVIC.). Plain plates ; NOTES ON THE BIRDS OF P. Goodfellow, 1910, 277 ; BIRDS OF P., *by an old Australian Bird-lover*, 1919, 88.

HOW BIRDS OF PARADISE ARE CAUGHT, *by an O.A.B.-L.*, 1918, 274.

BIRDS OF P. IN CAPTIVITY, A. S. Le Souëf (Sydney), 1920, 97 ; "Both Greater and Lesser . . . have been . . . at the Calcutta Zoo." Finn, 1899, 192 ; "Birds of P. have arrived," 1904, 362 ; 1905, 42 ; *"3 species now at the Zoo," 1905, 206, 228 ; BIRDS OF P. AT THE ZOO. SS. (10 species), 1908, 292 ; *re the first importation of Birds of P. EH. 1926, 347 ; *Ezra has 12 species, 1927, 173 ; *Rare Paradise Birds at the New York Zoo, 1929, 147, *151, 230.

*The hardiness of Birds of P. 1909, 175.

(12)

Greater Bird of Paradise, *P. apoda*

*An Emerald Bird of P. advertised (= *apoda*), 1899, 124 ("Mr. Fulljames bought it for £60, but it died in a fortnight ; only one other ever imported") ; THE EMERALD BIRD OF P., Ezra, 1902, 245 ; Photo of the Greater Bird of P. displaying, 1919, 237.

THE ACCLIMATIZATION OF THE GREATER BIRD OF PARADISE IN THE WEST INDIES, W. Ingram, 1911, 142 ; BIRDS OF P. IN THE WEST INDIES, C. Ingram, 1914, 35 ; BIRDS OF P. ON LITTLE TOBAGO I. (W. Indies), Herold *per* Millsum, 1915, 88 ; *The Island sold ; "the birds have increased largely in numbers . . . For 'Lesser' in the account, read 'Great'", 1922, 124, 160 ; THE GREAT BIRD OF P. ON LITTLE TOBAGO, W. Ingram, 1917, 341 ; 1918, 279.

EGGS OF THE GREATER B. OF P., C. Ingram, 1907, 364. Plain plates.

(13)

THE LESSER B. OF PARADISE, *P. minor*, Renshaw ("one now at Amsterdam"), 1904, 26.

HUNSTEIN'S B. OF P., Brook, 1912, 181. PLATE.

Magnificent B. of P., Display, SS. 1922, 139.

(14)

THE KING BIRD OF PARADISE, Mrs. J., 1909, 21. PLATE. *Goodfellow brought some for Mrs. Johnstone ; the first hens of any B. of P. to arrive, 1907, 242 ; *Display, M-W. 1922, 138.

NESTING HABITS (wild) . . . Frost, 1930, 33, photo of eggs.

(15)

RUDOLPH'S BIRD OF PARADISE, W. Ingram, 1909, 60 ; Goodfellow brought a pair of Blue Birds of P. 1909, 336 ; *Blue Birds of P. at the New York Zoo., 1921, 59 ; DISPLAY OF THE BLUE B. OF P., 1921, 151.

(16)

STEPHANIE'S BIRD OF PARADISE, Goodfellow, 1926, 197, PLATE. *three brought by Goodfellow, 1909, 336 ; *nested and laid an egg, Brook, 1911, 341.

Meyer's B. of P., *Goodfellow brought three, 1909, 336.

WALLACE'S B. OF P., Goodfellow, 1927, 57, PLATE, Zoo; first arrival in Europe, 1926, 338.

(17)

Rifle-birds

*An escaped Rifle-bird . . . 10 weeks away, 1909, 82.

*Nesting and laying in confinement, Brook, 1911, 242.

(18)

Bower-birds

. . . BOWER-BIRDS, Page, 1901, 69, *123; and see S. 11 above.

*Bower-birds and particular colours, 1904, 235.

THE SATIN BOWER-BIRD, *Pt. violaceus*, AGB. 1901, 7; Page 69; NESTING OF THE . . . Mrs. J. (partial success only; young left the nest), 1903, 63.

Golden Bower-bird, *Prionodura newtoniana*, Page, 1901, 70 (nothing as to captivity).

Gardener Bower-bird, HDA. 1913, 157; THE HARDIHOOD OF THE . . . HDA. 1909, 156.

(19)

Regent Bird, *S. melinus*

Page, 1901, 70, *138, 148, 160; THE REGENT BIRD, RP. (bred) 1906, 51, 88, 123; Plain plate; FURTHER NOTES, RP. 1907, 142; 1911, 365; FEMALE . . . ASSUMING MALE PLUMAGE, RP. 1908, 54; *Colour changes in Regent Birds, 1923, 119; THE REGENT BIRD, SS. 1928, 231, PLATE.

(20)

Cat-birds, *Ailuroedus*

THE AUSTRALIAN CAT-BIRD, *A. viridis*, HDA. 1920, 203; BREEDING OF CAT-BIRDS, *A. viridis*, Waxman (one reared in Australia), 1922, 189.

(21)

Starlings

STARLINGS, AGB. (PRACT. BIRD-KEEPING), 1911, 312; DRONGOS, STARLINGS, GRACKLES, AND TROUPIALS, Delac. (AVIC.), 1923, 83.

A TAKING STARLING, Frostick, 1895, 82.

*Starlings' change of habits in New Zealand, 1905, 115, 144.

(22)

Rosy Pastor

*Housden, 1899, 40; AGB. "has nested", 1900, 16; liberated in London, 1903, 370.

(23)

Mynas and Grackles

Sturnus tristis v. the Locusts (in Uruguay), H. C. Martin, 1897, 159.

White-winged Myna, *Sturnia nemoricola*, "New," Zoo, 1921, 123.

Pied Myna, *Sturnopastor contra*, At C.P. 1910, 143.

Pagoda Myna

THE SUCCESSFUL BREEDING OF THE . . . Farrar (three left the nest at any rate, 1901, 197; Medal, 1902, xii, 37.

Mynas

Andaman Myna

NESTING OF THE ANDAMAN STARLING, Farrar, "4 left the nest," 1901, 192 ; Medal, 1902, xii, 37.

Black-winged Grackle, *Graculipica nigricollis*

*Bred at the Zoo, 1922, 159 ; BREEDING OF THE . . . Delac. (" young reared "), 1923, 175 ; Lady Wavertree (two reared), 1930, 305 ; FURTHER NOTES ON . . . Lady W., 1930, 327.

Black-necked Grackle, *G. nigricollis*

*At LPOS. Show, 1897, 23.

Goldcrest Myna, New, Zoo, 1904, 275.

(24)

Bald-headed Starling, *Sarcops calvus*

THE . . . Mrs. J. (brought by Goodfellow in 1905), 1906, 191, Plain plate.

(25)

Glossy Starlings

Renshaw, 1903, 169 ; 1913, 331 ; AFRICAN GLOSSY STARLINGS, EH. 1925, 200 ; BREEDING GREEN GLOSSY STARLINGS, Thompson (one reared), 1930, 235.

Rüppell's Starling, *L. porphyropterus*

"Eggs laid, but not hatched," G. H. Gurney, 1930, 303.

(26)

Amethyst Starlings, *Cinnyricinclus*

THE WHITE-BELLIED AMETHYST STARLING, EH. 1908, 269, PLATE. AGB. 273.

VERREAUX'S AMETHYST STARLING, *Ph. leucogaster verreauxi*.

*Imported by Gamage, 1921, 41 ; VERREAUX'S GLOSSY STARLING, Pocock, 1921, 121, PLATE.

(27)

Royal Starling

First arrival, 1925, 141 ; TWO ABYSSINIAN STARLINGS, Ezra (Royal and Superb), 1925, 297, PLATE ; THE BREEDING OF THE ROYAL STARLING, Lady Wavertree (two reared), 1930, 305, 327.

(28)

Spreos, etc.

Superb Spreo, THE GREGARIOUS NESTING OF THE . . . Ezra, 1924, 168 ; *Bred by both Ezra and Bright, 1924, 305 ; THE SUPERB STARLING . . . Ezra, 1925, 297, PLATE.

Spreo bicolor, imported by Gamage (first arrival), 1921, 41.

Beautiful Spreo, *Spreo pulcher*. Supposed first arrival, 1925, 191 ; "No." Decoux. 263.

Amydrus fulvipennis, Gamage, 1920, 209 (? = *morio*, EH.).

A. morio "has arrived", 1920, 210.

Hagiopsar tristrami. *"Lord Lilford had it years ago." 1920, 210.

White-capped Starling, *Heteropsar albicapillus*

*" New (Ezra has it, 1926, 183 ; *three at Berlin, 283 ; BREEDING OF THE . . . Ezra, 1929, 175.

Crowned Starling, *Galeops salvadorii*

*" Chapman has one, which went to Ezra : new," 1926, 158.

(29)

Calornis

C. metallica. *At C.P. 1906, 174 ; 1907, 150 ; Astley. 1910, 181.

(30)

The Spottedwing, *Psaroglossa spiloptera*

THE SPOTTEDWING, AGB. 1903, 51, 276 ; *At the Zoo again after an interval of 18 years, 1920, 187.

(31)

Orioles

African Golden Oriole (*auratus*). *Zoo, believed the first arrival, 1925, 191.

Maroon Oriole. *Willford has it, 1911, 183.

(32)

Hangnests, *Icteridae*

NOTES ON THE AMERICAN STARLINGS, AGB. 1906, 168 ; . . . TROUPIALS, Delac. 1923, 83 (AVIC.).

*A pet Troupial 1897, 36 ; *Hangnest eating a mouse, 1900, 39.

(33)

Cassiques

Black Cassique, *Cassidia oryzivora*, RP. 1898, 100 ; Humphrys, 120 ; at C.P. 120 ; **THE BLACK C., RP. 1900, 19 ; AGB. 1908, 182 ;** NOTES ON A BLACK HANGNEST, *C. oryzivora*, Welch, 1923, 66.

Japim Hangnest, *Cassicus persicus*, C.P. 1898, 89.

(34)

Red-headed Troupial, *A. holosericeus*, *1906, 177.

Chopi Hangnest. At C.P. 1906, 174.

(35)

Icterus

THE COMMON HANGNEST, AGB. 1907, 225, PLATE of *I. vulgaris limoneus* ; *A Hangnest (*I. vulgaris*) dies after 18 years of cage-life, AGB. 1917, 288.

THE BRAZILIAN HANGNEST, AGB. 1902, 293.

BULLOCK'S HANGNEST, SS. 1930, 281, PLATE.

Icterus giraudi, *1909, 196.

(36)

Agelaius, Trupialis, etc.

THE FLAME-SHOULDERED MARSH-TROUPIAL, *A. humeralis*, AGB. 1900, 246.

RED-BREASTED STARLINGS, *Leistes and Trupialis*, AGB. 1908, 151 ; MILITARY STARLINGS *Trupialis*, Vernon, 1912, 164.

Cow-birds.

(37)

Cow-birds

THE SILKY COWBIRD, Page 1905, 137.

Hybrid *Agelaius frontalis* × *Molothrus badius*, bred ("young have flown"), SB. 1928, 292.

(38)

Tanagers

TANAGERS, Townsend (PRACT. BIRD-KEEPING, vii), 1911, 344 ; Delac. (AVIC.), 1923, 251.

Tanagers and Honeysuckers (feeding), *Letters, Wiener, 1896, 156 ; Dutton, 173 ; THE TREATMENT OF TANAGERS, AGB. 1897, 182 ; *Feeding . . . 1915, 80 ; THE FOOD FOR THE SMALLER TANAGERS, Rattigan, 1923, 284 ; *1924, 66.

SUNBIRDS AND TANAGERS IN OUTDOOR AVIARIES, Tavis. 1929, 56.

THE SONGS OF TANAGERS, AGB. 1898, 46 ; Nicholson, 1899, 33 ; THE SONG OF THE SCARLET T. AGB. 1898, 188 ; *1899, 33.

The *Tanagridae* as Finches, AGB. 1905, 46.

*Rare Tanagers at LCBA. 1911, 76 ; 1912, 65 ; Brought by Good-fellow from Ecuador (*list and descriptions*), 1915, 376.

Hybrids, *see* 43.

(39)

Euphonia (now *Tanagra*), etc.

THE VIOLET TANAGER, Castellan, 1895, 56.

THE PECTORAL TANAGER, *Eu. pectoralis*, Porter, 1920, 183.

Blue-capped T., *Chlorophonia callophrys*, New Zoo, 1904, 277.

(40)

Calliste (now *Tanagra*)

Black-backed T., *C. melanonota*. At C.P. 1905, 83, 142 ; 1906, 210.

Chestnut-backed T., *C. preciosa*. AN UNCOMMON TANAGER IN CAPTIVITY, Farmborough, 1898, 159.

Chestnut-headed T., *C. desmaresti*, C.P. 1925, 109.

Many-coloured T. *Are reported to have been bred at Odessa, 1906, 180.

THE PURPLE-BELLIED TANAGER, *C. cyanopygia*, AGB. 1917, 293, PLATE.

Superb Tanager, *C. fastuosa*. *1898, 58 ; THE SUPERB T., AGB. 1908, 107, PLATE ; *Wintered outside, Tavis. 1930, 83.

(41)

Spindalis, 1910, 344.

PRETRE'S TANAGER, Bonhote, 1910, 343, PLATE.

(42)

Tachyphonus

THE NESTING OF THE BLACK TANAGER, Tesch. (young reared ; photo of nest), 1906, 331, Medal, 364 ; *eggs with Shore-Baily, 1927, 92.

(43)

Tanagra (now *Thraupis*)

BLUE TANAGER (*cana*), BREEDING THE, Abel (one reared), 1927, 323 ; 1928, 52.

THE ARCHBISHOP TANAGER, *T. ornata*, AGB. 1905, 179, PLATE ; Bred, 1922, 123, 146, Medal, 192 ; = Ornate T. : much confusion of names, 1922, 192.

Hybrids bred by Whitley, 1927, 318.

(44)

Piranga

A RED TANAGER, *P. rubra*, Currey, 1912, 57.

P. bidentata. *Astley has one, 1913, 189 ; *Chapman has some, 1927, 132, 318 ; *nested and laid with Shore-Baily, 1928, 299.

(45)

Phlogothraupis

P. sanguinolenta, the Red and Black T., LCBA. 1913, 92. Plain plate ; 1914, 118.

(46)

Ramphocelus

Scarlet Tanager, *R. brasilius*

THE SONG OF THE . . . AGB. 1898, 188 ; *young lived 3 weeks, 1906, 342 ; *a pair nesting in France, 1898, 259 ; *One dies at 18½ years, AGB. 1916, 43.

Yellow-rumped Tanager, *R. icteronotus*

"Have young," Brook, 1917, 262 ; "young dead," 321.

(47)

Compsocoma

THE BLACK-CHINNED MOUNTAIN-TANAGER, *C. notabilis*, AGB. (TWO RARE TANAGERS), 1917, 293, PLATE.

Compsocoma, *Buthraupis* and *Poecilothraupis*, Delac. 1923, 260 (AVIC.).

(48)

Cissopsis

Magpie Tanager, *C. leveriana*, NESTING OF THE . . . HDS. (one hatched), 1909, 325 ; Zoo : hatched but not reared, SS. 1912, 342.

(49)

Stephanophorus

White-capped T., *S. diadematus*

One at Zoo nearly 20 years old, 1903, 180 ; has been bred by Découx, 1923, 237.

(50)

Schistochlamys

Has been kept at the New York Zoo, 1926, 228 ; at C.P. Show, 1927, 318.

Tanagers

(51)

Saltator

S. aurantirostris. *Has arrived, 1904, 57, at C.P. 70 ; THE ORANGE-BILLED TANAGER, AGB. 1904, 335 ; PLATE ; BREEDING THE SALTATOR T., Bright, 1921, 161, two reared.

S. similis. *A nesting attempt, 1926, 344.

(52)

Tersa

Swallow Fruit-eater. *Maxwell exhibits one as a "Black-throated Chatterer," 1911, 76 ; *1916, 43 ; Delac. 1923, 270.

(53)

Glossiptila (now *Euncornis* and in *Coerebidae*)

Rufous-throated Tanager (*G. ruficollis*)

At Shows : 1909, 110 ; 1910, 135, plain plate ; 1911, 73, 155.

(54)

Sugar-birds (*Coerebidae*)

THE SUGAR-BIRDS, Delac. 1923, 281 (AVIC.).

*Notes on Sugar-birds, 1911, 108 ; SUN AND SUGAR-BIRDS, Brook, 1915, 115 ; Longevity of . . . ; one at least 13 years old, 1925, 84.

Yellow-winged Sugar Bird (*Coereba cyanea*)

*1901, 231 : . . . ATTEMPTS AT BREEDING . . . Chawner (two left the nest), 1916, 188, 270, 324 ; NOTES ON YOUNG YELLOW-WINGED SUGAR-BIRDS, Chawner ("one lived a month"), 1917, 57, photos ; THE BREEDING OF THE . . . IN JAPAN, Matsunaga, 1929, 30 (two reared, photos).

SEASONAL CHANGE . . . Finn, 1899, 41.

Purple Sugar-bird, *C. caerulea*

PURPLE AND YELLOW-WINGED SUGAR-BIRDS, Finn, 1910, 167, PLATE ; at Zoo, 1910, 166 ; A Purple Sugar-bird at least 17 years old, 1930, 26.

Yellow-breasted Sugar-bird, *Certhiola chloropygia*, "New," Zoo, 1905, 375.

Black-headed Sugar-bird, *Chlorophanes spiza*, LCBA. Show, 1911, 76.

Yellow-collared Sugar-bird, *Iridophanes pulcherrima*. *Brought by Goodfellow for Brook, 1915, 378.

Masked Guitguit, *Diglossa personata*. *Ditto, 1915, 378.

Cayenne Dacnis, *Dacnis cayana*

*Fullj. 1897, 120, 192 ; 1898, 16 ; at C.P. and has been shown before, 1898, 85 ; THE BLUE SUGAR-BIRD, *D. cayana*, AGB. 1899, 113, PLATE, *121, 138.

Black-footed Dacnis, *D. nigripes*. C.P. 1912, 140, "probably the first importation."

(55)

Mniotiltidae

AMERICAN WARBLERS, Delac. 1925, 32 (AVIC.).

NOTES ON FEW AMERICAN WARBLERS, Lady Wm. Cecil, 1917, 47.

(56)

WAGTAILS AND PIPITS, Delac. 1925, 29 (AVIC.).

BRITISH WAGTAILS IN CAGE AND AVIARY, AGB. 1905, 271.

THE PIED WAGTAIL : A WARNING, Sergeant, 1896, 9.

WHITE WAGTAIL, NESTING OF THE . . . Tesch. (young reared), 1913, 323.

THE GREY WAGTAIL, Marshall ("a fine hybrid at the Zoo"), 1895, 37.

THE YELLOW WAGTAIL, AGB. 1896, 44 ; Perkins, 125 ; NESTING OF THE . . . Tesch. (reared), 1914, 81 ; THE BREEDING OF THE . . . Stokes, 1926, 281.

Wild Life, Symonds, 1914, 359.

(57)

Larks

AGB. (PRACT. BIRD-KEEPING), 1912, 205 (AVIC.), 1924, 175.

*Record of Larks bred in captivity, EH. 1924, 273. (N.B.—p. 180, line 25 : error : for "bred" read "kept", p. 274.)

THE BLACK LARK (*yellowiensis*), RP. (one reared), 1899, 169 ; Medal, 1900, 281.

Crested Lark

NESTING OF THE . . . Tesch. (reared), 1912, 273, photo of nest, 344, Medal, 314.

Red-capped Lark

*Some were imported by Hamlyn, 1920, 166.

Finch-larks

THE WHITE-CHEEKED FINCH-LARK, *P. leucotis*, SB. 1919, 111 ; Sich. 1927, 243, photos.

*White-crowned Sparrow-larks, 1898, 8.

(58)

Weavers and Waxbills, *Ploceidae*

(Order here : Weavers, Whydahs, Munias, Grassfinches, etc., Waxbills.)

WEAVERS, Williams, 1912, 224 ; SB. 1915, 62 ; SB. 1923, 132 (AVIC.) PLATE.

WEAVERS IN CAGES, Pearson, 1902, 70.

WEAVERS AT LIBERTY, Maynard, 1929, 325

*Moult of Weavers, Page, 1900, 14.

NOTES ON THE *PLOCEIDAE*, Finn, 1900, 145, 182.

NOTES ON HYBRID *PLOCEIDAE*, AGB. 1906, 345. Full list. PLATE : Diamond Sparrow × Zebra Finch.

(59)

Dinemell's Weaver, LCBA. 1911, 76 ; C.P. 155 ; On PLATE, 1923, 32.

Big-billed Baya (*Ploceus megarhynchus*)

*A new weaver . . . *rutledgii*, Finn, 1900, 16 ; = *megarhynchus*, 145 ; *P. megarhynchus*, a rare arrival, 1904, 57 ; at C.P. 69 ; 1909, 300 ; Finn, 1930, 112.

Mahali Weaver, *New to Zoo, 1913, 121.

(60)

Yellow Weavers

NESTING OF THE *HYPHANTORNES*, Holden, 1915, 36 ; Egg, 38.
THE HALF-MASKED WEAVER, AGB. 1897, 189.

Rufous-necked Weaver, (*cucullatus*)

*Misnamed "Atlas-finch", the True "Atlas" being the Combasou, AGB. 1899, 78.

"Abyssinian Weavers," 1924, 226.

Hybrid *H. cucullatus* × *silonotus*. One died almost fledged, Holden, 1911, 40 ; one reared, Holden, 1916, 28.

Spotted-backed Weaver, *H. silonotus*

NESTING OF THE . . . Holden, 1910, 33 ; Rattigan (young hatched), 1911, 118 ; Hybrids, *see above*.

Black-faced Weaver, *H. nigriceps*

NESTING OF THE . . . Porter (young not reared), 1928, 132.

Spot-headed Weaver, *Sycobrotus stictifrons*

*Arrived Zoo, 1929, 49 ; THE SPOT-HEADED W., SS. 1930, 253.
PLATE ; *Wild Life, Porter, 1930, 337.

(61)

Pyrenestes Weaver, *On* PLATE, 1923, 132.

Blue-beaked Weavers

**Spermospiza haematina* was imported by Hamlyn, 1906, 43 ;
S. guttata at LCBA. SHOW (first appearance), 1909, 110.

Scaly-fronted Weaver (*Sporopipes*)

NESTING OF THE SCALY-FRONTED FINCH, Tesch. (reared), 1913, 362 photos.

Thick-billed Weaver, *Amblyospiza albifrons*

On PLATE, 1923, 132 ; NESTING OF THE . . . (unfertile eggs only), SB. 1929, 321 ; one hatched, but died at 3 weeks, SB. 1930, 314.

Madagascar Weaver, *1899, 57, 77.

Reichenow's Weaver, *Othyphantes reichenowi*

Brought from C. Africa, Porter, 1927, 155 (TWO RARE WEAVERS).

(62)

Bishops, *Pyromelana*

Orange Bishop, NESTING OF THE . . . RP. (eggs), 1905, 89.

THE BLACK-VENTED BISHOP, *P. nigriventris*, AGB. 1896, 53.

Napoleon Weaver, *A cock dies at 17 years of age, AGB. 1917, 288 ;
a hen at 20, 1920, 32 ; a hen 21 years in captivity, AGB. 1921, 62.

Black-thighed Weaver, *P. capensis xanthomelaena*, brought from
C. Africa, Porter, 1927, 156 (TWO RARE WEAVERS).

1903, 302, 305. *Nigrita arnaudi* or *Ploceipasser rufoscapulatus* suggested
identifications of a bird which turned out to be a Swainson's Sparrow
(*griseus*).

(63)

Whydahs

- THE WHYDAHs, SB. 1917, 129, photos, *288 ; SB. 1923, 108 (Avic.).
 *Whydah-breeding records, AGB. 1910, 134, 289, Tesch. 254.
 Melanism in Whydahs, Van Someren, 1919, 40.
 Pin-tailed Whydah . . . PARASITIC ? AGB. 1908, 121.
 THE CRIMSON-BANDED WHYDAH, *P. ardens*, Fullj. 1896, 84.
 THE YELLOW-BACKED WHYDAH, EH. 1921, 135 ; BREEDING OF THE . . . SB. (one reared), 1924, 256.
 Giant Whydah, *Chera progné*. NESTING OF THE . . . Tesch. (three reared = first), 1910, 81, 255, photo of nest, Medal, 1911, 22.
 *Wild habits, Davies, 1910, 224.
 Jackson's Whydah, new to Zoo, 1911, 70 ; one at the Zoo 18 years old, 1927, 2.
 THE COURTSHIP OF . . . (wild), Lorimer, 1918, 208.
 *Long-tailed Combasou, 1899, 39, 59, 71 = *Vidua hypocherina*.
 *Resplendent Whydah, at C.P. 1900, 30 = *Vidua hypocherina*.
 Ultramarine Combasou, *Hypochera ultramarina*. THE "LONG-TAILED COMBASOU" (error for Ultramarine C.), Silver, 1917, 89, 183 (*hypocherina* mentioned).

(64)

Mannikins (*Munia*, etc.)

- *Munias which have been imported, 1922, 80.
 *A gorgeous Munia in New Guinea (?), 1917, 207.

Hybrids

- NOTES ON HYBRID PLOCEIDAE, AGB. 1906, 345 ; *Hybrid Munias, 1904, 140, a correction, 176 ; *A cross between a Mannikin and a Canary (?), 1903, 222 ; *An interesting hybrid (*Munia*), 1906, 288.
 Bronze × Magpie Mannikin hybrids reared, Page, 1907, 373.
 Bronze × Rufous-backed Man. two reared, Todd, 1897, 78.
 Cherry Finch × Masked Grassfinch, NOTE ON A HYBRID GRASS-FINCH, *Aid. modesta* × *Poephila personata*, Sich, 1909, 166 (bred in 1908 ; one still alive, AGB. 1921, 62 ; died Dec. 1922, 1923, 6).
 Diamond Sparrow × Zebra-finch, PLATE, 1906, 345.
 Java Sparrow (grey) × African Silverbill, reared, 1902, 231.
 Long-tailed × Masked Grassfinch, reared, 1906, 354.
 Nutmeg × Bengalese hybrids bred, 1899, 194.
 Nutmeg × Java hybrids bred in California, 1927, 221, photo.
 Nutmeg × Silverbill, three reared, 1904, 115.
 Red-headed × Ribbon-finch hybrids, bred, Daly, 1899, 34.
 Silverbill (Indian) × Zebra-finch, reared, Sich, 1927, 202.
 Striated Finch × Bengalese bred, 1900, 35.
 Sharp-tailed Finch × Silverbill, two reared, Dell, 1901, 44.

(65)

Java Sparrow

- THE GREY JAVA SPARROW, Page, 1898, 12 ; one reared, 37. Hybrid, see above.

Munias

Maja Finch.

*A "White-headed Mannikin" 16 years old, 1897, 13.

Yellow-rumped Finch, *Munia flaviprymna*

*At C.P., first arrival, 1905, 53, 141; THE YELLOW-RUMPED FINCH, SS. 1905, 215, PLATE; NESTING OF THE . . . Tesch. (not reared), 1906, 97; reared, 1907, 113, *158, 191.

THE . . . AND ITS RELATIONSHIP TO THE CHESTNUT-BREADED FINCH, SS. 1907, 196, plain plate.

Chestnut-breasted Finch, *M. castaneithorax*

THE NESTING OF THE . . . Tesch. (reared), 1907, 113, *158, 191. Photo of a group, 1917, 167. Bred by Sich, 1927, 203.

Pectoral Finch, *M. pectoralis*

At C.P. 1895, 52; 1896, 70; *Notes on, 1901, 128; 1903, 279; THE PECTORAL FINCH, SS. 1904, 130; NESTING OF THE . . . Williams (reared), 1906, 68; Medal, 158; on PLATE 1923, 74.

(66)

Nutmeg Finch or Spice-bird, Hybrids, }
Sharp-tailed Finch, Hybrid, } see above (64).
Striated Finch, Hybrid, }
Uroloncho leucogastra, Zoo, 1922, 88, ? "new".
U. squamicollis, *Allon had it, 1897, 125.

Bengalese

*The spelling of the word, 1897, 100; as a cage-bird, 1904, 134; WHAT IS THE BENGALESE?, Flower, 1907, 60, *99, 182, 222, 251; RICE BIRDS, Currey, 1913, 75.

Hybrids, see above (64).

(67)

Magpie Mannikin, *One 10 years old, 1906, 43; Hybrids, see 64.
Bronze Mannikin, Hybrids, see 64.

Two-coloured Mannikin, *Spermestes poensis*

"*Sp. gambiensis*" in Delacour's collection, 1917, 61. ? = this.

Rufous-backed Mannikin, *Sp. nigriceps*

C.P. 1896, 74; *A small lot have arrived, 1907, 137; NESTING OF THE . . . Tesch. (reared), 1909, 321; Medal, 1911, 22; Notes on the moult, Tesch. 1910, 256.

Dwarf or Bib Finch, *Sp. nana*, *Catleugh, 1896, 111; breeding at liberty, 1927, 249.

(68)

Quail Finches, *Ortygospiza*

Two pairs, *polyzona*, new to Zoo, 1906, 170, *213; *Quail-finches nesting in a cage ("have eggs"), W. Ingram, 1909, 174; BREEDING OF THE QUAIL-FINCH (*polyzona*), RP. 1910, 37; Mouth decoration of the young, RP. 1910, 103.

(69)

Cutthroat, *A. fasciata*

THE NESTING IN CAPTIVITY OF THE RIBBON-FINCH, "a number reared," 1897, 63; Hybrids, *see next*.

Red-headed Finch *A. erythrocephala*

Hybrids with the hen Cutthroat bred, Daly, 1899, 34; THE BREEDING OF THE . . . Tesch. (reared), 1906, 354; Medal, 1907, 110.

(70)

Silverbills

African Silverbills bred (three reared), 1904, 133; *Silverbills, bred at liberty, Tavis. 1929, 260.

Hybrids, 1901, 44; 1902, 231; 1904, 115; 1927, 202.

Cherry Finch, *Aidemosyne modesta*

*Bred, Husband, 1898, 168; *Breeding of . . . 1904, 234; Hybrids, *see 64 above*.

(71)

Bichenos Finches

BICHENO'S FINCHES, Farrar, 1899, 107; Bred, one reared, 1900, 35; . . . SEXING . . . AGB. 1904, 219; *A Bicheno × Zebra Finch Hybrid at the Balham Show, 1900, 62.

Black-rumped Bichenos, C.P. 1901, 97; THE RINGED FINCH, *St. annulosa*, RP. 1902, 119; BREEDING OF THE . . . Mrs. Williams, 1902, 239, 264, 273.

(72)

Diamond Sparrow

Hybrid with hen Zebra-finch, PLATE, 1906, 345.

Zebra-finch

THE . . . AGB. 1916, 31; ZEBRA FINCHES AT LIBERTY, Tavis. 1921, 143; FOREIGN FINCHES THAT ARE EASY TO BREED, Weston (Zebras, etc.), 1930, 272.

Hybrids

Zebra × St. Helena Waxbill, Hodgson (two reared), 1900, 74.

Bicheno × Zebra, Balham Show, 1900, 62.

(73)

THE GRASSFINCHES, Decoux, 1924, 199 (AVIC.); . . . SQUATTING GRASSFINCHES . . . RP. (on *acuticauda* and *personata*), 1897, 185, *210; GRASSFINCHES IN MY AVIARY, L-K. 1914, 243; AUSTRALIAN FINCHES AND BIRDS OF OTHER DAYS, HDA. 1917, 167; Payne and Wallace's importations, *see Gouldian F.* (76).

*Ornamentation of the mouths of young Grassfinches, 1907, 81, and *see Gouldian Finches* (76).

(74)

Rufous-tailed Grass-finch, *Bathilda ruficauda*

C.P. Feb., first appearance, 1895, 51; 1896, 70; AGB. 1895, 86; Fullj. 93; *1898, 58; "imported in immense numbers," 1904, 57; THE RUFIOUS-TAILED GRASS-FINCH, SS. 1899, 61, PLATE; *"have

Grass-finches

been bred," 1899, 96, 100 ; BREEDING OF THE . . . Nicholson (reared), 1901, 219, *233 ; Medal, 1902, xii, 37 ; THE BREEDING OF THE "RUFICAUDA," Farrar, 1905, 106 ; ON BREEDING *B. ruficauda*, Gladstone, 1908, 30.

*Name : "Starfinch," 1905, 235.

*A *ruficauda* sport (?), 1905, 235.

ON PLATE, 1923, 174.

HYBRID . . . CRIMSON AND STAR FINCHES, HDA. 1910, 79, PLATE ; Letter, AGB. 134. (*They were bred in Italy but killed by a severe frost, HDA. 1909, 200.)

(75)

Poephila

THE LONG-TAILED GRASS-FINCH, *P. acuticauda*, SS. 1900, 257, PLATE, 1901, 19, 27 (*hecki*) ; were bred by Todd in 1897, Medal, 1899, xi, 1900, xi ; *hecki* and *acuticauda*, SS. 1911, 242, 270.

Hybrids

Long-tailed × Masked Grass-finch, reared, 1906, 364.

Parson × Long-tailed G-f., reared, 1900, 212.

THE MASKED GRASS-FINCH, *P. personata*, RP. 1900, 259, PLATE ; bred by Hawkins in 1900 ; Medal, 1902, 37 ; Breeding (not reared), 1906, 76.

THE WHITE-EARED GRASS-FINCH, *P. leucotis*, RP. 1898, 169, 185, PLATE.

Parson-finch, *P. cincta*. Hybrid, see LONG-TAILED G-f. above.

(76)

Gouldian Finches

Bred, St. Q. 1895, 46 ; 1896, 46 ; *On breeding, 1898, 135 ; *Sex, mating, food, 1900, 37 ; THE GOULDIAN FINCH, Wiener, 1901, 1, *127 ; BREEDING GOULDIAN FINCHES, Douglas, 1901, 103 ; Various notes, 1901, 63, 82, 118, 163, 213 ; *Black-headed Gouldians nesting successfully, 1902, 56, *146 ; 1903, 37 ; *Gouldians, 1903, 337 ; *Is the Gouldian polygamous ? AGB. 1906, 317 ; *Prolific Gouldians, 17 young reared by one pair, 1916, 69 ; BREEDING GOULDIAN FINCHES, Duchess of Wellington, 1922, 39 ; Macklin, 1928, 36.

*Young Gouldians, 1902, 303 ; THE ORNAMENTATION OF THE MOUTH OF YOUNG GOULDIAHS, AGB. 1899, 25 ; . . . NESTLING GOULDIAHS (bill-warts, etc.), AGB. 1907, 124 ; NESTLING GOULDIAN FINCHES, Lienau, 1918, 207 ; ANCESTRAL CHARACTERS OF NESTLINGS AGB. 1918, 211, 234.

THE MUTATION OF THE GOULDIAN FINCH, AGB. 1906, 326 ; *Mutations (?), 1906, 80.

Gouldian with a gamboge head, Astley has one, 1905, 203, 236, 259, 291 ; 1906, 116 ; *A freak Gouldian, one side male, the other female (Harvey's), 1926, 286 ; 1928, 79, 120, the skin shown at the Zoological Society ; *Hen in cock's plumage, 1930, 59.

One 7 years old, 1930, 26.

*Gouldians and warmth, 1895, 38 ; *Diseased feet, 1895, 48.

. . . TREATMENT OF NEWLY-IMPORTED GOULDIAN FINCHES, St.Q., 1896, 163, *173, 1897, 17, 60, 150.

*1,200 Australian Finches with Mr. Housden, 1905, 293 ; another lot, 1906, 156 ; *Payne and Wallace's importation of Gouldians, 1907, 191 ; A VISIT TO MESSRS. PAYNE AND WALLACE AT BATH, HDA, 1907, 200 ; a visit to their collection in Australia, SS. 1908, 186.

(77)

Painted Finch, *Emblema picta*

Astley has just received a pair, 1905, 203 ; *he has one, 1907, 232 ; at C.P., 1908, 169 ; a pair LCBA. Dec. 1908, 1909, 109 ; "are nesting," Blaauw. 1910, 289 ; *re* THE BREEDING OF THE . . . RP. (hatched but not reared), 1911, 63, 91.

Crimson Finch, *Neochmia phaeton*

*Letters, 1899, 58, 72, 100, 112 ; *three reared at the Zoo, SS. 1912, 342.

Fire-tailed Finch, *Zonaeginthus bellus*

C.P. 1909, 170 ; *A number have arrived, SS. 1911, 240.

Sydney Waxbill, *Aegintha temporalis*

THE AUSTRALIAN WAXBILL, RP. 1902, 289 (bred) ; Medal, 1904, 19.

(78)

Parrot-finches, *Erythrura*

THE PARROT-FINCH, HRF. 1895, 13 ; SS. 1902, 59, PLATE.

*Sexing Parrot-finches, 1897, 100, 119, 183 ; *Wiener believes he had the first pair ever imported, "about 20 years ago." 1897, 119 ; *Letters, 1897, 166 ; Breeding, 1898, 199 ; 1899, 21 ; *Notes on Parrot-finches, 1906, 77 ; *Precocious Parrot-finches, 1909, 52.

*A hybrid, *psittacea* × *trichroa*, at Balham Show, 1900, 136.

Three-coloured Parrot-finch, *E. trichroa*

Todd has it, 1898, 7 ; Bred (Temple), 1910, 225 ; Tavistock has 13, 1920, 124.

Peale's Parrot-finch, *E. pealei*

Zoo (new, Bahr's), 1911, 268 ; the Fijian Parrot-finch (*E. pealei*), Bahr, 1912, 49, PLATE ; *Reared two young at Zoo, SS. 1912, 342 ; ON FIJI PARROT-FINCHES AND . . . "An Australian Bird-lover," 1916, 279.

Pintailed Nonpareil, *E. prasina*

AGB. (Paddy-rice : oats as substitute), 1898, 38 ; THE PIN-TAILED NONPAREIL, AGB. 1909, 296 ; Finn, 1912, 327, PLATE.

(79)

Green Avadavat

*1898, 57, 76 ; THE BREEDING OF THE . . . (three reared), Tesch, 1906, 70, Medal, 158.

Avadavat

*Breeding records, 1897, 35 ; 1899, 24 ; THE BREEDING . . . Davis, 1929, 241 ; . . . MOULT AND ASSUMPTION OF BREEDING PLUMAGE. Page, 1899, 162.

(80)

Waxbills

MY SMALL FOREIGN FINCHES, HRF. 1895, 72.

FOREIGN FINCHES IN CAGES, Wiener, 1896, 150 (*Waxbills, etc.*);
*Waxbills in a cage, 1903, 223.

"WAXBILLS, GRASSFINCHES AND MANNIKINS," HRF. *Review*,
1897, 194.

FOREIGN FINCHES AND WAXBILLS, Gibbard, 1919, 96.

WAXBILLS, MANNIKINS, AND AUSTRALIAN FINCHES, Découx, 1923,
190, PLATE, 218 (AVIC.).

*Grass-seeds for Waxbills, 1899, 99; *Delicacy, Rattigan, 1923,
240, *1924, 11, 88, 107, 144; PLATE of Waxbills, 1923, 13.

(81)

Firefinches, *Lagonosticta*

"A youngster has flown," Farrar, 1898, 212; Medal for breeding
in 1898, 1900, xi; *Bred, 1900, 34; 1904, 118; 1930, 277.

SOME FIREFINCHES AND OTHER GAMBIAN BIRDS, EH. 1916, 55,
113, 312.

*Firefinches at liberty, 1926, 345.

THE BROWN-HEADED FIREFINCH

BREEDING IN FRANCE, Découx (two reared), 1926, 335.

Jameson's Firefinch

*Gamage has some, 1927, 27.

Spotted Firefinch, *L. rufopicta*

*At C.P. 1904, 69, 103, 164 (Hawkins'); THE BAR-BREASTED F.
L. rufopicta, Silver, 1916, 35; EH. 55.

Peters' Spotted Firefinch, *Hypargos niveiguttatus*

*At C.P. 1903, 178; 1904, 164.

PETERS' SPOTTED FIREFINCH, SS. 1905, 119, PLATE.

(82)

Dufresne's Waxbill

*Todd has it, 1898, 7, note on, 59; at C.P. 87; on PLATE, 1923, 174.

Orangecheek Waxbill

NESTING OF THE . . . Alderson, 1902, 65, Medal, 1903, 53;
"has been bred occasionally in Germany," AGB. (and ? by Gedney),
1903, 38.

*One 8½ years old, 1897, 2; 1898, 100.

Zebra Waxbill

*Golden-breasted Waxbills reared, 1904, 82.

(83)

Estrilda

St. Helena Waxbill

BREEDING . . . IN INDIA, Davis, 1930, 289.

Hybrids: "St. Helena × Common Waxbill have a nest full of
young ones," Farrar, 1896, 139; *see also* Cordon-bleu (84) and Zebra-
finch (72).

Grey Waxbill (Common W.)

BREEDING OF THE . . . Bainbridge (reared), 1914, 83.

Hybrid with *rhodopyga*, q.v.

E. rhodopyga

(A probable *rhodopyga*, 1903, 249; a hybrid \times *cinerea*, reared, Baldelli, 1903, 405.

E. xanthogenys, W. Sel.

*A new Waxbill, 1926, 342; 1927, 24; at C.P. 1927, 86.

Black-cheeked Waxbill, *E. erythronota*, on PLATE 1923, 174.

Vinaceous Waxbill, *E. vinacea*

*At C.P. (Hawkins'), 1904, 164; a hen at LCBA. 1909, 109; "*L. larvata*" at C.P. 1907, 149 (? = *vinacea*, EH.).

THE VINACEOUS FIREFINCH, EH. 1916, 113.

Lavender Waxbill, *E. caerulescens*

NESTING OF LAVENDER FINCHES, Alderson (one reared), 1901, 45, 82; Medal, 1902, 37; THE BREEDING OF THE LAVENDER FINCH AT LIBERTY, Tavis, 1926, 324.

Grey-tailed Lavender, *E. incana*, *Allon had it, 1897, 124.

(84)

Cordon-bleus

THE CORBON-BLEU, RP. 1899, 141; CORDON-BLEUS, Mrs. Barber, 1900, 9.

Hybrids

BREEDING OF BLUE-BREAST \times CORDON . . . Amsler (reared), 1913, 350.

CORDON-BLEU \times ST. HELENA WAXBILL HYBRIDS, Campbell, 1917, 340 (*also bred vice-versa*).

BREEDING OF VIOLET-EARED WAXBILL \times CORDON-BLEU HYBRIDS, Découx (the young died at about 12 days), 1919, 102. (*There is an error in the heading of the Article—CRIMSON-EARED for VIOLET-EARED.*)

BREEDING OF MELBA \times CRIMSON-EARED WAXBILL HYBRIDS, Découx (two broods reared), 1919, 110.

Blue-breasted Waxbill, *E. angolensis*

"New," 1897, 196; THE BLUE-BREASTED WAXBILL, RP. 1903, 120, PLATE; BREEDING OF THE . . . RP. (reared), 1909, 339.

Violet-eared Waxbill, *U. granatinus*

*Moerschell has it, 1895, 89; Mrs. Reid in Madeira, 1897, 151, 183; *imported, 1903, 403.

THE VIOLET-EARED W., RP. 1906, 295, PLATE; 1907, 325; *Eggs, RP. 1906, 204; Miller, 1907, 152.

(85)

Melba Waxbill

*Moerschell has it, 1895, 89; **Pytelia melba and afra*, 1899, 64; Plain plate, 1912, 120; on PLATE, 1923, 174.

Finches

Wiener's Waxbill, *Pytelia afra*

*Moerschell kept it (SOME RARE FINCHES), 1895, 89; *At C.P. 1899, 16, 90, 164; *The Red-faced Finch, *P. afra*, 1900, 115, 137; *A rare African Waxbill (*afra*), 1903, 403.

Finches, *Fringillidae*

(86)

THE *FRINGILLIDAE*, 1897, 1; THE CULTURE OF FINCHES, AGB. (PRACT. BIRD-KEEPING), 1911, 103; THE TYPICAL FINCHES, AGB. 1924, 15, 42, 98, 120, 129, 149, PLATES (AVIC.).

HYBRID *FRINGILLIDAE*, Silver, 1911, 349, 350 (List).

*List of Finches which never have been kept, EH. 1926, 160, *228.

THE GROSBILLS, HRF. 1896, 24, 53, 99, 153, 163; Découx (AVIC.), 1924, 71, 94, 114.

The Greenfinch, HRF. 1896, 24; *Song, AGB. 1896, 48.

Chinese Greenfinch, HRF. 1896, 25; THE BREEDING OF THE . . . SB. (two reared), 1916, 34.

The Hawfinch, HRF. 1896, 26; NESTING OF THE . . . Tesch. (two reared), 1912, 28, Medal 78; THE HAWFINCH AS A PET, Cooper, 1921, 104.

The Black-tailed Hawfinch, HRF. 1894, 12, 104 (nested); 1896, 26.

THE JAPANESE HAWFINCH, *E. personata*, SB. 1930, 314 (young hatched; died at 12 days).

(87)

Rose-breasted Grosbeak

NESTING OF THE . . . HDA. (one reared, but a cripple), 1911, 333; Medal, 1912, 78; THE ROSE-BREASTED G. HDA. 1915, 81, PLATE.

Black-headed Grosbeak, *Z. melanocephala*, NESTING OF THE . . . SB. (two nests; one young bird reared), 1930, 314.

(88)

Pheucticus

The Yellow-bellied Grosbeak, *Ph. chrysogaster*

HRF. 1896, 26; BREEDING OF THE . . . Brook ("young now feeding themselves"), 1917, 28.

Golden-bellied Grosbeak, *Ph. aureigaster*, Zoo, 1904, 203.

(89)

Blue Grosbeaks

The Dark-blue Grosbeak, *Guiraca cyanea*, HRF. 1896, 27; NESTING OF THE BLUE GROSBILL (*cyanea*), Tesch (two reared), 1910, 64, *255; Medal, 1911, 162.

G. parellina, Allon has one, 1897, 122.

(90)

THE TROPICAL SEED-FINCH, 1908, 149, *189; HDA. 1910, 180; ON THE BREEDING OF THE . . . Blaauw (one reared), 1918, 40.

Cuban Black Bullfinch, *Melopyrrha nigra*, New Zoo, 1913, 121 ;
THE BLACK CUBAN SEED-FINCH, SB. 1919, 57, photo (SB. bred it in
1914, see BIRD-NOTES).

Red-throated Grosbeak, *Loxigilla noctis*, on PLATE, 1924, 40.

THE JACARINI FINCH (*Volatinia*) HRF. 1896, 153.

(91)

Spermophila and Phonipara

HRF. 1896, 53 ; *SPERMOPHILA* AS A POTENTIAL WEAVER, AGB.
1908, 88.

SUCCESSFUL NESTING OF THE WHITE-THROATED FINCH, Farrar,
1905, 358.

Guttural Finch, *1898, 20 ; THE GUTTURAL FINCH, Brook (" young
now on the wing "), 1917, 28.

Phonipara

*Position of the *genus*, AGB. 1906, 153.

Cuba Finch, nesting (eggs only), Simpson, 1895, 11 ; HRF. 1896
99. Was bred by Hawkins in 1900, 1902, 37.

The **Olive Finch**, *lepida*, RP. 1908, 163, Plate (and on *Phonipara*
generally).

THE LITTLE FINCH, *Ph. pusiila*, RP. 1900, 191, 257 (one young bird
left the nest on Nov. 18, and died Dec. 17).

(92)

Red Cardinals (Grey and Green Cardinals, see (112). See also
THE GROSBEEKS, Découx (86).

THE VIRGINIAN CARDINAL, HRF. 1896, 163 ; *Song, 1897, 18.

BREEDING VIRGINIAN CARDINALS, Farrar, 1899, 2 ; HDA. 5.
Other records : 1895, 90 (Savage) ; 1902, 11, 34 (" . . . 3 reared ")
1902, 232 (one reared) ; 1904, 53 (" reared ").

*Baldness, 1895, 79.

Freak Red Cardinals (*yellow-marked*), 1924, 323, PLATE ; *Abnormal
coloured Red Cardinals, 1929, 20.

Hybrids

*Red × Green, " two young 3 days old at time of writing," Verrall,
1898, 180 ; " one 6 months old," Barnett, 1927, 105.

Venezuelan Cardinal, *C. phoeniceus*, Astley has one, 1906, 291.

THE THICK-BILLED CARDINAL, *Pyrrhuloxia sinuata*, HRF. 1896,
154 ; at C.P. 1896, 74 ; 1897, 154 ; Chapman has some, 1927, 113.

(93)

Chaffinches

THE CHAFFINCH, Bonhote, 1897, 29 ; CHAFFINCH NESTING IN
CAPTIVITY, Page, 1900, 8.

A CHAFFINCH SINGING MATCH, Rettich, 1897, 114.

Hybrids :—*Chaffinch-Canary hybrids (?), 1908, 241 ; *Two
Chaffinch × Canary mules reported reared (*DIE GEFIEDERTE WELT*),
1925, 324.

Bramblefinch-Chaffinches hybrids bred by Miss Reeves (*both ways*).
Silver, 1911, 349, PLATE.

THE MADEIRAN CHAFFINCH, AGB. 1896, 117.

Finches

THE BLUE CHAFFINCH, *F. teydea*, M-W. 1895, 103 ; HDA. 1912, 195.

THE BRAMBLING, Bonhote, 1897, 110.

Hybrids :—see Chaffinch above.

(94)

THE LINNET, Verrall, 1897, 129 . . . AS A SONGSTER, Bentley, 1912, 242.

THE LINNET (*poem*), T.G.L. 1897, 164.

Twite

TWITES BREEDING IN CAPTIVITY, Swailes (two reared), 1895, 118.

Hybrids :—See under Redpolls, Goldfinch, etc.

Redpolls

THE LESSER REDPOLL, Swailes, 1897, 68.

. . . IN BERKSHIRE, Proctor, 1905, 313.

COLOUR OF REDPOLL IN CONFINEMENT, Wormald, 1909, 359.

Hybrids :—Lesser R. × Twite ("7 hatched, one reared by Azario in London"), Silver (Two INTERESTING HYBRIDS), 1919, 12.

(95)

Goldfinches

THE GOLDFINCH, Bonhote, 1898, 9 ; 1905, 21, PLATE ; THE EUROPEAN GOLDFINCH, AGB. 1916, 99, photos.

*Food for young . . . Goldfinches, 1897, 38.

MORTALITY AMONG GOLDFINCHES, Sich, 1919, 131.

Hybrids :—Goldfinch × Twite, three reared in Scotland *teste* Silver 1919, 13.

Twite × Goldfinch, Silver has one, 1919, 98.

(96)

Siskins

THE SISKIN, Marshall, 1897, 50 ("has been bred").

Black-headed Siskin, *S. ictericus*

Castellan, 1897, 49 ; *Hybrids with Canary hen bred, 1927, 279, 1928, 49.

Hooded Siskin, *S. cucullatus*

*1902, 123 ; THE . . . HDA. 1903, 47, PLATE, *115 ; BREEDING OF THE . . . Amsler (one reared), 1913, 51, 156 ; Medal, 1914, 178.

A PURCHASE IN SANTA CRUZ (*a Red Siskin*), HDA. 1924, 103.

*Hooded Siskin Mules, 1920, 150 ; *four hybrids with hen Canary reared, Sich, 1927, 202 ; 1929, 332 ; . . . are fertile, bred again with the hen Canary, Sich, 1928, 300.

Citril Finch, letters, 1896, 142.

THE AMERICAN SISKIN (*A. tristis*), SS. 1899, 126, PLATE.

Arizona Siskin, *A. psaltria*, SB. has had it, 1927, 227.

THE HIMALAYAN SISKIN (*spinoides*), SS. 1919, 92 (bred ; three reared) ; *Identity, 1920, 181.

(97)

Serins

ON CERTAIN SERINS . . . AGB. 1901, 169.

THE SERIN FINCH, Perkins, 1896, 152 ; SERIN FINCHES BREEDING IN CONFINEMENT, Swailes, 1898, 14 ; EGGS OF SERIN FINCHES, AGB. 1903, 327.

Canaries

*The Canary as a Song-bird, 1895, 108 ; *The early history of the Canary, 1917, 183, 211.

Hybrids :—see Hooded Siskin, Grey Singing Finch, Saffron Finch, etc.

The Wild Canary, *1897, 211 ; 1899, 74 ; *Notes on the . . . 1905, 380 ; 1906, 45, 81, 115.

Grey-necked Serin (Cape Canary)Hybrids with the hen Canary bred, 1899, 59 ; and see **Alario** below.**Sulphur Seed-eater**NESTING OF THE . . . Tesch, 1910, 292 ; Medal, 1911, 162. (*Later this was found to be an error, the birds bred being hybrids, Sulphur × White-throated Seed-eaters ; see 1911, 52, 74.*)THE ST. HELENA SEED-EATER, *S. flaviventris*, AGB. 1902, 216 ; BREEDING OF THE . . . SB. (young reared in 1925), 1926, 328.

Hybrids with hen Linnet reared, 1915, 67.

THE GREEN SINGING FINCH, Catleugh, 1897, 66 (bred) ; *Hybrid Green × Grey Singing Finches reared, 1903, 304.

Bearded Seed-eaterTHE NESTING OF THE "BEARDED SEED-EATER" AND OTHER BIRDS (none reared), Ashford, 1900, 5. (*A mistake made ; the pair was a White-throated "Finch" (? = "Seed-eater" EH.) and a hen Canary, 1903, 147.*)**Black-faced Serin**, *S. capistratus*, C.P. 1909, 170.**Grey Singing Finch**, *Poliospiza leucospiza*

Hybrids :—Green × Grey S.Fs. reared, 1903, 304 ; hybrids with the hen Canary have been bred, 1927, 278.

Yellow-rumped Serin, *P. angolensis*

NESTING OF THE . . . Tesch (one reared), 1907, 198 ; Medal, 344.

White-throated Seed-eater, *P. albogularis*, see under Sulphur Seed-eater above.**Gold-fronted Finch**, *Serinus pusillus*, some have arrived, 1904, 57.

(98)

Alario

Two young reared, HRF. 1896, 173 ; THE ALARIO, HRF. 1897, 107, 200 ; *"avoid millet," 1897, 75, 147.

Hybrids :—*Alario × Canary bred, 1899, 59 ; *Description of a hybrid Cape Canary and Alario bred at Port Elizabeth, 1906, 134.

(99)

Trumpeter Bullfinch

THE DESERT TRUMPETER-BULLFINCH, M-W. 1896, 87 ; " failed to rear, the first time for many years," M-W. 1900, 76 ; *Desert Bullfinches reared, Sich, 1927, 202.

Anomalospiza butleri, *A rare finch. Sich has three, 1926, 193 ; nested unsuccessfully, 323.

(100)

Saffron Finches, *Sicalis*

THE SAFFRON FINCH, AGB. 1897, 127.

"A probable canary \times Saffron hybrid" (Impossible Mules), AGB. 1899, 20 ; Butler's Canary-Saffron hybrid at the C.P. 1899, 92.

Lesser Saffron Finch, *S. minor*, BREEDING OF THE . . . Amsler. (two reared), 1916, 25.

THE YELLOWISH FINCH, *S. arvensis*, AGB. 1905, 97 ; (1899, 79) ; . . . BRED, SS. 1906, 340.

Pelzeln's Saffron Finch

NESTING OF . . . Tesch (reared), 1909, 298 ; Medal, 1911, 162.

(101)

Sparrows

*Our British Weaver-bird—the Sparrow, 1898, 183.

SPARROW CLUBS, Hutchinson, 1917, 276.

THE CAPE SPARROW (*arcuatus*), SS. 1901, 165, PLATE, bred, 215 ; Medal, 1902, xii, 37.

THE GREY-HEADED SPARROW, *P. diffusus*, AGB. 1896, 5 ; NESTING OF THE . . . Tesch 1910, 238 ; Medal, 1911, 162.

(probably = the West African *griseus*, EH.)

Benguella Sparrow, *P. jagoensis benguellensis*, BREEDING OF THE . . . SB. (one reared), 1923, 227.

THE CINNAMON TREE-SPARROW, Perreau, 1909, 201 ; . . . NESTING, Tesch (young reared), 1909, 205 ; Medal, 1911, 22.

Tree-sparrow, hybrid : see Yellow Sparrow below.

Rock-sparrows

*A murderous Rock-sparrow, 1897, 54.

THE YELLOW-THROATED ROCK-SPARROW (*petronella*), M-W. 1897, 28.

THE LESSER ROCK-SPARROW, AGB. 1903, 294.

Yellow Sparrow, *P. luteus*

NESTING OF THE . . . (one reared), Williams, 1905, 75 ; Medal, 118.

*A hybrid, *P. montanus* \times *luteus* reared, Suggitt, 1907, 95.

(102)

Rose-finches

Ruddy Finch, *Carpodacus mexicanus*

Bred by Tesch 1911, 52 ; NESTING OF THE MEXICAN ROSE-FINCH (two reared), SB. 1925, 278, *325 ; *1926, 20.

C. vinaceus, *1909, 301.

Pink-winged Rose-finch, *Rhodospiza obsoleta*, at C.P. 1924, 63..

JAPANESE ROSE-FINCHES, *Uragus sanguinolentus*, C. Ingram, 1909, 241.

Sepoy Finch, *Recovers its colour, 1921, 184.

(103)

THE PINE GROSBEEK, AGB. 1897, 1 PLATE; BREEDING . . . IN CAPTIVITY, St.Q. (reared), 1907, 55; Medal, 110.

(104)

Crossbills

THE CROSSBILL AGB. 1895, 104; NOTES ON THE BREEDING OF THE . . . Silver, 1911, 109 PLATE, "were bred at Tunbridge Wells in 1910, and lived to moult at any rate. Cutting quoted recording their breeding in Scotland in 1887 (three young a week old)"; MORE NOTES ON THE CROSSBILL, Currey, 1911, 340.

*Crossbills in captivity, Tuck, 1910, 340.

*Food of . . . (wild) 1927, 275.

*Crossbills in Kent, Aug. 31, Thomasset, 1898, 212; at Worthing, Aug. 1898, SS. 1899, 24.

(105)

Bullfinches

THE BULLFINCH, Rettich, 1897, 5; BULLFINCHES, Currey, 1912, 136; ON BULLFINCHES AS DECOYS, Leake, 1914, 85; A TAME BULLFINCH, Currey, 1914, 335.

*Food for young Bullfinches . . . 1897, 38.

Pyrrhula griseiventris, Zoo, 1904, 302.

Red-headed Bullfinch, *Ezra has some, 1914, 259; THE . . . HDA. 1915, 169, PLATE; NESTING OF THE . . . Bright (eggs only), 1917, 203.

(106)

Buntings

Reed-Bunting, Teschemaker reports having bred it, 1911, 52.

Black-headed Bunting, *E. melanocephala*. *Supposed to have been bred at the Zoo, but "the young bird is a hen Cutthroat," SS. 1900, 37, 38.

*At C.P. 1902, 93.

Red-backed Bunting, *E. rutila*, Zoo, 1900, 59.

Red-backed Bunting, *E. luteola*, 1901, 61.

Sulphury Bunting, *E. sulphurata*, new to Zoo, 1900, 254.

Golden-breasted Bunting, NESTING OF THE . . . Jackson (young hatched, but died), 1930, 306; *It was bred by Martin in 1911 (one reared), 1930, 340.

(107)

THE MOORISH HOUSE-BUNTING, *Fringillaria saharae*, M-W. 1896, 52. *F. tahapisi*, C.P. 1907, 149.

Tisa "has been kept at the New York Zoo", 1926, 228.

Black Crested Bunting, *Melophus melanicterus*, C.P. 1904, 70, 103.

Lark-Bunting, *Calamospiza bicolor*, Zoo, 1903, 183.

Spizella pusilla. SOME RARE BUNTINGS, Todd, 1898, 44.

Song-sparrows

Zonotrichia albicollis, SOME RARE BUNTINGS, as above.
Z. canicapilla, "new to aviculture," 1897, 197.

Chingolo Song-sparrow, *Z. pileata*

NESTING OF THE . . . Tesch (reared), 1908, 26 ; Medal 216 ;
*One 14 years old, 1921, 62.

Four hybrids, *Z. leucophrys* × *pileata*, bred SS. 1905, 331.
Z. leucophrys, Hybrids : See above.

(108)

Indigo Bird

THE BREEDING OF THE . . . Farrar, 1900, 270 ; Medal, 1901, x.
Hybrids :—HYBRID BUNTINGS (Indigo × Nonpareil), Thomasset
(two reared), 1915, 380. (*I saw one still flourishing in the summer of*
1930, EH.)

Nonpareil Bunting

THE . . . Finn 1912, 325, PLATE ; *Nesting of the . . . Farrar
(bred), 1899, 165 ; Medal, 1900, 270, 281 ; *Nonpareils (nesting ;
plumage change). 1901, 174.

PETER, MY PAINTED BUNTING (*A Nonpareil*), Craig, 1913, 245.

Rainbow Bunting, *C. leclancheri*

THE . . . SS. 1909, 220 ; on PLATE, 1923, 13.

Versicolor Bunting

PLATE (*with other Buntings*), 1924, 46 ; C.P. 1925, 109.

(109)

THE TOWHEE, Todd, 1898, 43 ; Pearson, 1916, 45, PLATE.

*Three species of Towhee now at Zoo, 1911, 69.

Albert Towhee, new to Zoo, 1911, 69.

Green-tailed Towhee, *Oreospiza chlorura*

New to Zoo, 1911, 69 ; *Oreospiza* has been kept at the New York
Zoo, 1926, 228.

(110)

Diuca Finch

NESTING OF THE . . . Alderson (one young one lived till November),
1901, 177.

Pileated Finch

Reported to have bred (H.W.), 1905, 341 ; NESTING OF THE . . .
Williams (young reared), 1906, 30 ; Medal, 118 ; BREEDING OF THE
. . . SB. ("were first bred in 1905"), 1928, 17.

*Bald patches on a . . . , 1900, 210.

Red-crested Finch

BREEDING . . . IN FRANCE, Découx (seven reared), 1927, 22.

(111)

Orchard Finch, *Phrygilus fruticeti*

NESTING OF THE . . . SB. (one reared), 1920, 125.

Aldunati's Finch, Zoo, 1911, 159.

Sunbirds

Arremonops and *Atlapetes* have been at the N.Y. Zoo, 1926, 228.
THE CHESTNUT-HEADED BUARREMON, G. H. Gurney, 1927, 90.

(112)

Grey Cardinals (*Paroaria*); Red Cardinals, No. 92.

The Red-crested Cardinal, *P. cucullata*

One 25 years old, 1914, 119; 1927, 111.

RED-CRESTED CARDINALS AT LARGE AT WOBURN, 1908, 53.

The Pope, *P. dominicana*

NOTES ON THE NESTING OF . . . AGB. 1904, 267; Photo of a Pope on nest, 1913, 391.

Hybrid Pope and Grey Cardinal (Woburn), 1910, 37.

Yellow-billed Cardinal (*capitata*)

NESTING NOTES ON THE . . . Rattigan (bred), 1921, 133, *125, 175; "I bred them in 1911," Amsler, 1921, 160.

P. cervicalis, among "Rare arrivals", 1904, 57.

THE SMALLER RED-HEADED CARDINALS, *P. capitata* and *cervicalis*, AGB. 1904, 63.

P. nigrigenis, Zoo (apparently new), 1907, 245; LCBA. Show. 1912, 63.

(113)

Green Cardinal

*Bred (Moerschell and Farrar), 1897, 211; Hybrids, see Red Cardinal, No. 92.

Sunbirds

(114)

ON SUNBIRDS, HDA. 1913, 254; SOME OF MY SUNBIRDS, Ezra, 1913, 289, 333; MY SUNBIRDS AVIARY, A Lover . . . (9 species kept), 1914, 89; SUNBIRDS . . . Brook, 1915, 115; . . . IN THEIR NATIVE HAUNTS, Blaauw, 1916, 106; AFRICAN SUNBIRDS, Mrs. Bourke, 1918, 61; SUNBIRDS IN CAPTIVITY: PAST, PRESENT, AND FUTURE, EH. 1918, 153; SUNBIRDS, Delac. 1924, 309, PLATE (AVIC.); Mrs. Bourke, 1928, 83; SUNBIRDS AND TANAGERS IN OUTDOOR AVIARIES, Tavis. 1929, 56.

*Sunbirds at the C.P. 1906, 172, 209; *New Sunbirds, 1913, 156; 1927, 26 (two new species at Gamage's).

(115)

Malachite Sunbird, *Nectarinia famosa*, Ezra, 1913, 334.

THE BEAUTIFUL SUNBIRD, *N. pulchella*, Chawner, 1929, 53, PLATE.

Purple Sunbird, *A. asiatica*, C.P. 1903, 180; THE PURPLE S . . . Maxwell, 1911, 201, plain plate; NESTING OF THE . . . IN CAPTIVITY, Brook, 1913, 327.

SEASONAL CHANGE . . . (*A. asiatica* . . .), Finn, 1899, 41.

Amethyst-rumped Sunbird, *A. zeylonica*, Ezra, 1913, 289.

THE GREATER AMETHYST SUNBIRD, *Cinnyris amethystina*, Ezra, 1913, 333; THE AMETHYST S. HDA. 1914, 231, PLATE; Ezra, 232, *286.

Sunbirds

THE GREATER DOUBLE-COLLARED SUNBIRD, *C. afer*, Ezra, 1913, 334; *One dies after 10 years in confinement, Mrs. Bourke, 1929, 331.

THE LESSER DOUBLE-COLLARED S., *C. chalybeus*, Ezra, 1913, 334.

THE SOUTHERN BIFASCIATED SUNBIRD, *C. mariquensis*, Porter, 1929, 54.

THE SCARLET-BREASTED SUNBIRD (*gutturalis*), SS. 1921, 58.

THE COLLARED SUNBIRD, *Anthreptes collaris*, Pocock (two now at the Zoo), 1920, 159.

THE BLACK-BREASTED YELLOW-BACKED S., *Aethopyga saturata*, Ezra, 1913, 290, plain plate.

THE HIMALAYAN YELLOW-BACKED S., *Ae. seheriae*, Ezra, 1913, 333, PLATE; 1914, 89.

The Firecap, *Cephalopyrus flammiceps*, *A pair at LCBA. 1914, 118.

(116)

White-eyes

**Zosterops*, 1897, 80, 99; THE ZOSTEROPS, Farrar, 1901, 157; THE GENUS ZOSTEROPS, AGB. 1916, 73, photos.

ZOSTEROPS GOING TO NEST IN CAPTIVITY, West (eggs), 1905, 335 (and see below).

Chinese White-eye, *Z. simplex*, THE CHINESE SPECTACLE-BIRD, AGB. 1898, 204, PLATE; The White-eye, Hampe, 1923, 177.

Indian White-eye, *Z. palepbrosa*, BREEDING OF THE . . . Page (three reared), 1912, 114, Medal, 145.

Natal White-eye, *Z. virens*, BREEDING OF THE AFRICAN WHITE-EYE, "*Z. viridis*" L-K. (two reared), 1915, 273; should be "*virens*", 355.

Yellow-fronted White-eye, *Z. flavifrons*, *One brought by Frost, "new," 1930, 308.

(117)

FLOWERPECKERS, De.ac. 1924, 315 (AVIC.).

Dicaeum hirundinaceum, Zoo, 1913, 314.

NESTING HABITS OF THE MISTLETOE-BIRD, Lawrence and Littlejohn (from the EMU), 1916, 171.

D. cruentatum, Scarlet-backed Flowerpecker, Zoo, 1903, 185.

D. ignecolle, Flame-breasted F. New, Zoo, 1909, 330; 1913, 314.

D. tickelli, Zoo, 1903, 145.

Spotted Pardalote, *Pardalotus punctatus*

*Was imported by Abrahams in 1882, AGB. 1899, 179; THE SPOTTED PANTHER-BIRD, AGB. 1900, 165, PLATE; NOTES ON THE . . . Roberts, 1900, 167, *211.

(118)

Honey-eaters, *Meliphagidae*

HONEY-SUCKING BIRDS, Delac. 1924, 307 (AVIC.).

*Food for Honey-sucking birds, Finn, 1897, 99; *Honey-eaters: food, Carrick, 1900, 231 (and see Tanagers (38)).

HONEY-EATERS, Campbell, 1903, 347, photos; *Honey-eaters I have kept, Heumann, 1914, 268; *Honey-eaters and Flowerpeckers, photos (in an Australian aviary), 1924, 171.

Seven species in the Zoo Australian collection brought by Seth Smith, 1908, 269.

THE GARRULOUS HONEY-EATER, *Myzantha garrula*, R. Humphrys, 1897, 21; LPOS. Show, 24; *Housden, 1899, 40; BREEDING THE . . . Suggitt (one reared), 1925, 264.

THE LUNULATED HONEY-EATER, Farrar, 1900, 99.

Yellow-tufted Honey-eater (*auricomis*) C.P. 1899, 19; Zoo, 1900, 13. Grey Honey-eater, C.P. 1899, 19.

The Tui, *1897, 97, 118, 150, 165; The Tui and other pollen-eating birds, St.Q. and others, 180; THE PARSON-BIRD OR TUI, Ainley, 1912, 137; *One was at the Amsterdam Zoo in 1899, 1915, 161.

(119)

Mocking Birds, *Mimidae*

Mocking Birds, *Mimidae*, MOCKING BIRDS, ETC., HDA. 1924, 125 (AVIC.).

The American Mocking Bird, *1899, 167; THE BREEDING OF . . . Farrar ("young left the nest"), 1901, 181; THE AMERICAN MOCKING BIRD AT HOME, Housden, 1928, 41.

Long-tailed Mocking Bird, *Mimus longicaudatus*, *Brought by Goodfellow from Ecuador, 1915, 278.

Mimus triurus, *Astley has one, 1920, 195.

THE BROWN THRASHER . . . *Harporhynchus rufus*, HDA. 1915, 23, PLATE.

Bendire Thrasher, new to Zoo, 1911, 339.

Grey Thrasher, *H. cinereus*, *HDA. 1912, 98.

American Cat-bird (*Galeoscoptes*)

THE NESTING OF THE . . . Farrar ("2 left the nest"), 1902, 226, 285; Medal, 1904, 19.

Verses, 1902, 287.

Thrushes (*Turdidae*)

(120)

THE THRUSHES, HDA. 1924, 206, plain plate (AVIC.).

Whistling Thrushes (*Myiophonus*)

THE BLUE WHISTLING THRUSH, *M. temmincki*, HDA. 1903, 196, plain plate.

Horsfield's Whistling Thrush

A SUPPOSED NEW WHISTLING THRUSH, RP. 1901, 184, 202 (was *horsfieldi*, RP. 1904, 129; THE MALABAR WHISTLING THRUSH, *M. horsfieldi*, Fitzgerald, 1904, 129.

Chinese Whistling Thrush, *M. caruleus*, *HDA. 1922, 71.

Mocking Thrushes, *Mimocichla*

Red-legged Cuban Thrush, *M. rubripes*, *Astley has one, 1909, 173.

(121)

True Thrushes

FIELDFARES AND REDWINGS, Scott, 1926, 106.

Olivaceous Thrush, BREEDING OF THE . . . SB. (one reared), 1924, 255.

Thrushes

HERMIT THRUSH, HDA. 1909, 99, 177, PLATE; BREEDING OF THE . . . Amsler (one reared), 1927, 334.

Verses, 1916, 289.

WILSON'S THRUSH, HDA. 1909, 181, PLATE.

WOOD THRUSH, HDA. 1909, 103 (. . . FOUR WELL-KNOWN THRUSHES OF N. AMERICA).

Grey-winged Ouzel, *T. bouboul*

*Has arrived, 1904, 57, 104, 116; NOTES ON THE . . . AGB. 1905, 243; 1906, 312, 344; *Bred, Page, 1909, 334.

ON BREEDING HYBRID OUZELS, AGB. 1905, 301 (a hen *T. bouboul* paired with a cock Blackbird got as far (at the time of writing) as young 15 days old).

Argentine Blackbird, *T. fuscater*

NESTING OF THE . . . Thorniley (two reared; a first), 1910, 267; Medal 1911, 22.

Turdus murinus, *Astley has one, 1907, 374.

Tawny Thrush, *T. tamaulipennis*, New Zoo, 1912, 36.

American Robin, *T. migratorius*

. . . BRED IN CAPTIVITY (. . . "beginning to eat unaided"), 1903, 273 (from SCIENCE, USA).

THE AMERICAN ROBIN, HDA. 1909, 104; 1915, 30; Naturalization, Letter, Workman, 1910, 104.

Turdus fumigatus, C.P. 1904, 104.

(122)

Rock-thrushes

THE EUROPEAN ROCK-THRUSHES, St.Q. 1910, 157.

ROCK-THRUSHES AT RIVA, Rathborne, 1904, 214.

The Rock-thrush

NOTES ON THE ROCK-THRUSH (*saxatilis*) IN CAPTIVITY, HDA. 1899, 50; THE PIED ROCK-THRUSH (*Monticola saxatilis*), RP. (two reared), 1909, 279, 311; FURTHER BREEDING . . . RP. 1910, 324; correction of date, RP. 133; the young plumage of the male, Finn, 1910, 105.

THE BLUE ROCK-THRUSH, HDA. 1897, 101, plain plate; *1903, 339.

(*A blue Rock-thrush from Cuba, HDA. 1909, 173 (? = what; ? a *Mimocichla*, EH.).

Chestnut-bellied Rock-thrush, *Petrocincla erythrogaster*

New, Zoo, 1912, 1908; THE CHESTNUT-BELLIED BLUE ROCK-THRUSH, HDA. 1913, 253, PLATE.

Blue-headed Rock-thrush, *P. cinclorhyncha*

HDA. 1908, 277 (. . . BIRDS FROM THE HIMALAYAS); THE BLUE ROCK-THRUSH, HDA. 1913, 349, PLATE.

(123)

Ground-thrushes, *Geocichla*

Orange-headed Ground-thrush, *G. citrina*

*Note by HDA. 1909, 333; *Young hatched but thrown out, HDA. 1911, 272; BREEDING OF THE . . . HDA. (one reared), 1911, 368, Medal, 367; Amsler, 1915, 30.

White-throated Ground-thrush, *G. cyanonota*

THE . . . RP. 1904, 179 ; at C.P. 1905, 142 ; 1906, 210.

Celebean Ground-thrush, *G. erythronota*, THE . . . HDA. 1914, 137, Plain plate.

Chestnut-headed Ground-thrush, *G. interpres*, *Some brought by Frost (new), 1930, 308.

Mexican Ground-thrush, *G. pinicola*

THE . . . HDA. (he has a pair), 1912, 118 ; THE MEXICAN PIED GROUND-THRUSH, HDA. 1913, 101, PLATE.

(124)

Chat-thrushes, *Cossypha*

THE WHITE-CROWNED CHAT-THRUSH, *C. albicapilla*, EH. 1920, 176 (*first arrival, 1920, 145).

Cape Robin-chat, *C. caffra*, *Imported by Gamage, 1921, 108.

Noisy Robin-chat, *C. bicolor*, *Gamage, 1921, 108 ; on PLATE, 1924, 226.

Natal Robin-chat, *C. natalensis*, *Gamage's "new", 1927, 26.

(125)

Shamas

THE INDIAN SHAMA, HDA. 1898, 67, plain plate ; THE SHAMA, Harper, 1901, 149 ; HDA. 1907, 163, PLATE ; SS. 1930, 313, PLATE ; *1900, 140, 160 ; 1902, 149 ; 1905, 339 ; 1907, 161.

NOTES ON MY SHAMA, Alderson, 1899, 132 ; MY SHAMA, Low, 1914, 221, photos ; FURTHER EPISODES IN THE LIFE OF A PAIR OF SHAMAS, Low, 1917, 265, photos ; *A third brood of Shammas, Low, 1917, 351 ; *Breeding Shammas, 1918, 137 ; CURIOUS DEATHS OF SHAMAS, Low, 1919, 146 ; A CRAZY MOTHER-SHAMA, S.C. Law, 1924, 105.

*The Shama as a pet, Vernon, 1910, 132 ; OBSERVATIONS ON A PET SHAMA, Bearby, 1926, 61.

THE TAIL OF THE INDIAN SHAMA, RP. 1899, 32.

*Shama catching fish, 1911, 129, 172.

Dhyal-bird

THE DHYAL BIRD . . . HDA. 1898, 148 ; NESTING OF THE DHYAL, Farrar, 1899, 145 ; "bred at the Zoo years ago," RP. 1901, 85.

(126)

Nightingales

*1920, 137.

FOOD FOR NIGHTINGALES AND OTHER INSECTIVOROUS BIRDS, HDA. 1907, 42.

THE COMING OF THE NIGHTINGALE, Tesch. 1917, 185, *261, photos.

THE NIGHTINGALE IN LANCASHIRE, Landless, 1898, 157 ; *In Devonshire, 1917, 289, 320 ; N. seen off South Africa queried, 1903, 283.

NOTES ON THE MIGRATION OF THE SPROSSER AND COMMON NIGHTINGALES, AGB. 1912, 58.

Sprosser

Nightingales breeding in captivity (extract from the *P.Z.S.*, 1851 ; Sgt.-Major Hanley), 1903, 251.

Persian Nightingale, *golzii*, Finn ("imported"), 1910, 240.

Sprosser

*RP. 1898, 197 ; BREEDING OF THE . . . Tesch. (reared), 1911, 317, photo ; Medal, 1911, 367, 370, 1914, 178.

Migration, see under Nightingale.

(127)

Robins

THE ROBIN, Marshall, 1895, 74 ; *Age of Robins, 1912, 142 ; ROBINS, EH. (*the name*), 1916, 346 ; and see AVIC. HDA. (135).

Temminck's Robin, *Icoturus komadori*, *Has arrived, 1910, 239 ; LCBA. 1911, 77.

Brown-backed Robin, *Thamnobia cambaiensis*

New to Zoo, 1912, 253 ; LCBA. Nov. 1912, 1913, 93, plain plate ; On PLATE, 1924, 226.

White-tailed Blue Robin, *Notodela leucura*, Zoo, 1913, 211.

Red-flanked Bush-robin, LCBA., the first time exhibited, 1914, 118.

THE WHITE-STARRED BUSH-ROBIN, *Tarsiger stellatus*, Bourke, 1921, 105.

(128)

Redstarts

THE REDSTART, AGB. 1902, 190.

Indian Redstart, *Ruticilla rufiventris*, on PLATE, 1924, 226.

Black Redstart

NESTING OF THE . . . Tesch. 1912, 293, 330, photo of nest ; the moult of immature Black Redstarts, Tesch. 1913, 125, 155, 184, 250.

THE BLACK REDSTART AND ITS BREEDING HAUNTS, AGB. 1916, 300, *350.

Blue-headed Redstart, *Phoenicurus caeruleocephala*

The Blue-headed Robin (SOME BEAUTIFUL . . . BIRDS FROM THE HIMALAYAS), HDA. 1908, 279.

Plumbeous Redstart, HDA. 1908, 278 (*same article as the above*).

White-capped Redstart, on PLATE 1924, 226.

(129)

Blue Bird, *Sialia*

THE BLUEBIRD, Beebe, 1908, 47, PLATE ; THE BLUE BIRD IN CAPTIVITY, AGB. 1908, 51 ; *Behaviour of Blue Robins, Amsler, 1927, 343, 1928, 48 ; BLUE ROBINS, Amsler, 1929, 313.

BREEDING BLUE ROBINS, Savage, 1895, 117 ; A Blue Robin's nest, 1899, 151 ; *Failure in rearing usual, 1899, 192.

THE BLUE ROBIN, Currey, 1912, 86 ; *Verses quoted*, 86.

(130)

THE HIMALAYAN RUBYTHROAT, *Calliope pectoralis*, HDA. 1908, 279.

(131)

Chats

Stonechat, *Bred by Tesch. 1911, 52 ; 1913, 27.

Whinchat

NESTING OF THE . . . Tesch. (reared), 1913, 24 ; Medal, 1914, 178 ; THE WHINCHAT AS A SONG-BIRD, Tesch. 1913, 103.

THE PIED CHAT, *S. leucomelaena*, HDA. 1913, 199, *287, plain plate.

Pied Bush-chat, *S. caprata*, Zoo, 1911, 303.

THE MOUNTAIN-CHAT, *S. monticola*, AGB. (he has a hen), 1908, 252 ; MORE ABOUT THE . . . AGB. 1909, 131 ; *Widowed hen lays AGB. 1910, 316.

(132)

Forktails

Javan Forktail, *Henicurus leschenaulti*, *Brought by Frost (new), 1930, 308.

(133)

Dippers

*The Dipper as a cage-bird ; one at the C.P. 1912, 143.

(134)

Accentors

Legendre, 1924, 275 (AVIC.).

THE COMMON ACCENTOR, Tesch. (bred), 1908, 92, *135 ; Medal, 216.

JERDON'S ACCENTOR, NESTING OF, Tesch. (one reared), 1909, 259, 361 ; Medal, 1911, 162.

(135)

Warblers

THE SMALLER WARBLERS AS AVIARY BIRDS, Perkins, 1898, 3 ; THE BRITISH WARBLERS, Tesch. (PRACT. BIRD-KEEPING), 1911, 130 ; DR. RUSS ON SUNDRY WARBLERS . . . EH. 1917, 299 ; WARBLERS, ROBINS, *etc.*, HDA. 1924, 226, PLATE (AVIC.) ; WARBLERS AND SMALL INDIGENOUS *TURDIDAE*, Legendre, 1925, 57 (AVIC.).

Blackcap

THE FOOD OF THE . . . M-W. 1897, 190 ; THE BLACKCAP AS AN AVIARY BIRD, Perkins, 1899, 70 ; NESTING OF THE . . . Tesch. (first time in the U.K. ; one reared), 1910, 145 ; Medal, 1911, 162.

THE LESSER WHITETHROAT, AGB. 1916, 265.

Chiffchaff

. . . AS A CAGE-BIRD, Mayor, 1903, 206.

THE ICTERINE WARBLER . . . Gosse, 1920, 49.

THE GRASSHOPPER WARBLER, Galloway, 1914, 164 ; (SOME EXPERIENCES OF THE . . . Farmborough, 1898, 189).

THE REED-WARBLER, HDA. 1914, 200, photos.

Warblers

Dartford Warbler

PLATE from *BIRDS OF BRITAIN*, 1908, 130.

DARTFORD WARBLERS, Silver, 1910, 30 ; Scherren (*historical*), 90.

Blue Wrens, *Malurus*

THE BLUE WREN, RP. (one reared), 1902, 246, 1903, 15, PLATE ; FURTHER NOTES, RP. 1906, 228.

CHANGE OF COLOUR . . . AS AFFECTED BY THE SEASONS, HDA. 1917, 150.

THE DISPLAY OF THE . . . HDA. 1917, 206.

BLUE WRENS, Lienau, 1918, 259.

White-winged Blue-wren . . . MOREE, N. S. W., THE HOME OF THE . . . (O.A.B-L.), 1919, 179.

(136)

Goldcrests

*Keeping Goldcrests, 1897, 40 ; THE GOLDEN-CRESTED WREN, AGB. 1917, 214.

(137)

Creepers, *Certhiidae*

TREE CREEPERS, NUTHATCHES AND WRENS, Delac. and Legendre, 1925, 66 (AVIC.).

Tree-creeper

*Tree-creeper hatched, Temple, 1911, 271 ; St.Q. has some which were hatched in captivity, 1913, 348.

THE WALL-CREEPER, Silver ("Maxwell had one"), 1908, 224.

(138)

NUTHATCHES, Currey, 1913, 77 ; AVIC. D. and L., *see* 137.

Chestnut-bellied Nuthatch, New to Zoo, 1911, 303.

Red-breasted Nuthatch, NESTING OF THE . . . (wild, in America), Shaw, 1917, 281.

Blue Nuthatch, *S. frontalis*, Perreau is on his way home with this species, 1913, 220. (*Did it arrive? EH.*)

(139)

Tits

THE TITMICE, Legendre, 1925, 118 (AVIC.).

*A clerical beard for a Tit's nest, 1897, 35.

Great Tit, *Are murderers, 1912, 60 ; *was bred by Amsler, 1913, 382.

THE INDIAN GREY TIT, *P. atriceps*, Stuart Baker, 1919, 147, photo (he has one).

Azure Tit, at LCBA. 1913, 91.

Red-sided Tit, at C.P. 1896, 71, 90, 110.

Yellow-cheeked Tit, *Machlolophus xanthogenys*, New to Zoo, 1911, 303 ; LCBA. 1912, 65.

Crested Tit, RANDOM NOTES ON CRESTED TITS AND OTHER BIRDS, Corbet, 1913, 176.

Penduline Tit, New, Zoo, 1905, 375.

Red-headed Tit

THE RED-HEADED TITMOUSE, *Aegithaliscus erythrocephalus*, HDA. 1914, 23, PLATE. (Two, he had, only lived two days.)
THE LONG-TAILED TIT, Galloway, 1917, 195 ; Wormald, 1921, 66.
HAND-REARING LONG-TAILED TITS, Wormald, 1915, 389.

Bearded Tit

THE BEARDED REEDLING, Bonhote, 1900, 214, PLATE ; BEARDED TITS IN CONFINEMENT, St.Q. 1905, 149, *208.
THE BREEDING OF . . . L-K. (three reared ; "left shelter July 19, moulting, Sept. 14"), 1915, 359 ; *Had been previously bred at Tring, 1916, 44, 72.

(140)

Crow-tits

Rufous-headed Crow-tit, *Scaeorhynchus ruficeps*, Zoo, 1913, 211.
Black-throated Crow-tit, *Sc. gularis*, SS. 1929, 166, photo.
Webb's Crow-tit, *Suthora webbiana*, NOTES ON . . . Eustace, 1928, 30.

(141)

Wood-swallows, *Artamidae*

THE WOOD-SWALLOWS . . . Fullj. 1900, 153 ; *186, 212.
PRIONOPIDAE, ARTAMIDAE, WAXWINGS AND VIREOS, Delac. 1925, 138 (AVIC.).
*Wood-swallows killing mice, 1908, 160, 189 ; *A Wood-swallow (*fuscus*), casts pellets, Silver, 1910, 106.

Australian Wood-swallow, *A. sordidus*

*At C.P. 1899, 92, 1900, 31, Zoo, 1900, 204.
THE . . . HRF. 1900, 25.

White-eyebrowed Wood-swallow, *A. superciliosus*

*At C.P. 1902, 29.
BREEDING IN CAPTIVITY, Brook ("one young one now flying"), 1908, 299, 348.
NOTES ON THE . . . (*wild*), Littlejohns and Lawrence, 1918, 79 ; photo of a pair feeding young, 257.
Masked Wood-swallow, *A. personatus*, Zoo, 1900, 184.

(142)

Waxwings

. . . WAXWINGS . . . Delac. 1925, 139 (AVIC.).
THE WAXWING, St.Q. 1909, 115, *176, PLATE AND PLATE of egg ; WAXWING NESTING IN A BRITISH AVIARY, RP. 1903, 357 ; History of the first discovery of the nest by Woolley. An egg was laid with St.Q. 1904, 22.
THE IRRUPTION OF WAXWINGS INTO NORFOLK DURING THE WINTER OF 1913-14, J. H. Gurney, 1916, 219.
THE CEDAR WAXWING, SS. 1921, 49, photos.
FIVE LITTLE WAXWINGS AND HOW THEY GREW, G. C. Phillips, 1916, 314.

Shrikes

(143)

Shrikes

THE SHRIKES, Delac. and Legendre, 1925, 124 (AVIC.).

SHRIKES AS CAGE-BIRDS, EH. 1921, 167.

Red-backed Shrike

ON THE BREEDING OF THE RED-BACKED SHRIKE IN CAPTIVITY, Günther, 1904, 339 ; second success, 1905, 330 ; third, 1907, 40 ; "now 7 years old, have reared young four times," 1911, 57 ; Further notice : "the seventh brood they have produced," 1912, 335.

*Moult, 1905, 173.

*Record of two kept in 1835 (EARLY AVICULTURE . . .), 1923, 99.

Long-tailed Shrike, *Urolestes melanoleucus*

*Delac. has it, 1921, 68 ; at Gamage's, 1925, 217.

Red-winged Bush-shrike, *Telephonus australis minor*

NOTES ON THE . . . Van Someren (wild life), 1916, 325, photos.

Crimson-breasted Bush-shrike, *Laniarius atrococcineus*

THE CRIMSON AND BLACK SHRIKE, Amsler, 1923, 247 ; first importer, Gamage ("has 4 new Shrikes"), 1925, 217 ; THE CRIMSON-BREASTED BUSH-SHRIKE, Gurney, 1928, 53, PLATE.

Ruddy-breasted Bush-shrike, *L. rubiginosus*. *Imported by Gamage, 1921, 108.

Bachakiri Shrike, *L. gutturalis*. Gamage, 1925, 217.

Cracticus

THE PIED SHRIKE (*Australian*), Farrar, 1903, 69 (probably a *Cracticus*, EH.)

Black Butcher-crow, *Cracticus quoyi*. *Brought by Frost, "new," 1930, 308.

Prionops

Smith's Helmet-shrike, *P. talacoma*. A pair brought by Webb ; Gurney took them, 1930, 194, 186.

(144)

CUCKOO-SHRIKES AND MINIVETS, Delac. 1925, 8 (AVIC.).

White-shouldered Caterpillar-eater, *Lalage tricolor*. New, Zoo, 1914, 322.

Short-billed Minivet, *Pericrocotus brevirostris*

*Astley has one, 1909, 308 ; At LCBA. Nov. 1912, plain plate, 1913, 93 ; Zoo, 1913, 211.

Thickheads (*Pachycephala*)

THE WHITE-THROATED THICKHEAD, *P. gutturalis*. SS. 1904, 61, PLATE ("never yet imported").

. . . VIREOS, Delac. 1925, 140 (AVIC.).

NOTES ON SOME OF THE VIREOS OF NORTH AMERICA, Lady Wm. Cecil, 1917, 133.

Babblers

(145)

THE *Timeliidae*, Delac. 1925, 87, 113, PLATE (AVIC.).

THE SPOTTED GROUND-BIRD, *Cinclosoma punctatum*. RP. 1904, 149, plain plate.

THE COACHWHIP BIRD, R.P. 1909, 85. (One now at the Zoo and one was imported about 6 years ago, 1903, 110.)

Pilot-bird, *Pycnoptilus floccosus*. NESTING OF THE . . . (wild), Lawrence and Littlejohns, 1920, 127, photos.

Pied Grallina

*1901, 76, 83 ; THE BREEDING OF THE . . . Ezra (the young one died 3 weeks after leaving the nest), 1928, 233 ; 1929, 198 (Medal) ; 1930, 104.

(146)

THE COLLARED JAY-THRUSH, AGB. 1900, 199.

White-crested Jay-thrush. WHITE-CRESTED THRUSHES, Farrar, 1904, 297.

THE CHINESE SPECTACLE-THRUSH, Farrar, 1901, 71.

THE TWO MOST POPULAR CAGE-BIRDS OF CHINA (one, the "Hwamee", *T. canorum*), Hampe, 1928, 177.

THE RUFOUS-CHEEKED LAUGHING THRUSH, SS. 1914, 347, PLATE.

(147)

Broad-tailed Babbler

*A pair (new to Aviculture) have arrived at the Zoo, 1911, 375 ; *1916, 311 ; *Crateropus platycircus* and *reinwardti* have been imported, 1925, 206.

Reinhardt's Babbler, *1916, 311 ; 1925, 206.

Scimitar-babblers, **Pomatorhynchus erythrogenys*, C.P. 1909, 171.

Yellow-eyed Babbler, *Pycnorhis sinensis*

THE YELLOW-EYED BABBLERS, Harper, 1902, 108 ; *One at the Zoo, 144 ; THE GOLDEN-EYED BABBLER, RP. 1903, 83, PLATE.

(148)

The Pekin Robin, *Liothrix luteus*

THE NESTING OF THE . . . Farrar, "the young have flown," 1898, 177 ; NOTES ON THE NESTING OF HILL-TITS (*L. luteus*), Low, 1915, 39, photos.

JAPANESE ROBINS (= *Liothrix*) NESTING AT LARGE, HDA. 1907, 269 ; *Japanese Robins at large, HDA. 1908, 268 ; Pekin Robins, at large 1½ years, breed in the Park at Woburn, D.Bedf. 1910, 37.

THE PEKIN ROBIN IN LONDON, Finn, 1905, 317.

*Sex of . . . 1903, 309 ; THE SEXES OF *L. LUTEA*, AGB. 1913, 129, PLATE.

*Notes on the *Liothrix*, Finn, 1903, 340 ; *The habits of . . . 1913, 218.

*6,000 *Liothrix* advertised, 1907, 158.

Mesia

(149)

*A new *Liothrix (astleyi)*, 1921, 108.

THE SILVER-EARED MESIA, RP. 1903, 379, PLATE and photos, 1904, 36 ; *Bred at the Zoo, but not reared, 1906, 364.

THE BLUE-WINGED SIVA, Harper, 1902, 243, PLATE.

Stripe-throated Siva, *S. striigula*. *Imported by Hamlyn, 1904, 233.

Fire-tailed Minla, *M. igneitincla*, LCBA. 1914, 118, Plain plate.

Yuhina, a pair at the LCBA., the first time exhibited, 1914, 118.

Stachyris nigriceps, LCBA. 1914, 118, plain plate.

Tesia castaneocoronata, "Frost is on his way home with this species, new to Aviculture," 1913, 220. (*Did it arrive? EH.*)

(150)

Sibias

THE BLACK-HEADED SIBIA, RP. 1903, 255, PLATE ; BREEDING OF THE . . . Sherriff (two reared), 1925, 185 ; BLACK-HEADED SIBIAS, Sherriff, 1926, 290.

(151)

Fairy Bluebirds (*Irena*)

Malayan Fairy Bluebird, *I. cyanea*. *Brought by Goodfellow, a first arrival, 1908, 336.

(152)

Bulbuls

THE BULBULS, "Eha" (*reprint*), 1895, 114, *127 ; AGB. (PRACT. BIRD-KEEPING), 1912, 234 ; Delac. (AVIC.), 1925, 1.

AN ALBINO BULBUL (*probably haemorrhous*), L w, 1920, 111, PLATE.

THE CHINESE BULBUL, *Pycnonotus sinensis*, AGB. 1899, 184.

THE SYRIAN BULBUL, *P. xanthopygus*, Baldelli, 1913, 142.

Layard's Bulbul, *Bred (Ezra), 1925, 324.

THE RUBY-THROATED BULBUL, *Rubigula dispar.*, RP. 1909, 215, 236.

Indian Ruby-throated Bulbul, *R. gularis*, *1909, 239.

Black-headed Bulbul, *R. melanictera*, *1909, 240.

(153)

Red-whiskered Bulbul, *Otocompsa jocosa*

*Sexing Red-eared Bulbuls, AGB. 1902, 97.

NESTING OF THE . . . Tesch. (first U.K.), 1910, 208 ; Medal, 1911, 162 ; ADDITIONAL NOTES ON THE NESTING OF THE . . . Amsler (one reared), 1911, 55.

White-eared Bulbul. *One 18 years old, 1914, 53.

Himalayan Black Bulbul, *Hypsipetes psaroides*

THE BLACK BULBUL, Farrar, 1902, 88 ; THE HIMALAYAN BLACK B., Page, 1903, 209 ; *Brought by Harper, 1915, 352.

Finch-billed Bulbul, *Spizixaus canifrons*. One at the Zoo, new, 1921, 122.

Sombre Bulbul, *Andropadus importunus*. Imported by Gamage, 1921, 153.

Ixocincla crassirostris. *Zoo, 1906, 265.

(154)

Green Bulbuls, *Chloropsis*. *1903, 73, 184.

Malabar Green Bulbul, *C. aurifrons*

THE GREEN MALABAR HONEYSUCKER, *Phyllornis aurifrons*, Simpson, 1896, 36; THE MALABAR GREEN FRUITSUCKER, Farrar, 1901, 223; NOTES ON THE MALABAR AND GOLD-FRONTED CHLOROPSIS, Finn, 1902, 86; *Gold-fronted Fruitsucker's attempt at breeding; young hatched, Amsler, 1917, 224.

Blue-winged Green Bulbul, *C. hardwickii*

THE BLUE-WINGED GREEN HONEYSUCKER, Humphrys, 1897, 169.

Hodgson's Green Bulbul

HODGSON'S FRUITSUCKER, Heselton, 1901, 12.

The Iora, *Aegintha viridissima*. *Two brought by Harper, 1915, 352.

(155)

Swallows

*Swallows in cages, a protest, HDA. 1899, 22, 36; TAME SWALLOWS, 1905, 113; *Swallows at the Zoo, 1907, 80; SWALLOWS AT THE FRONT, Thorburn-Clarke, 1917, 75; OUR BRITISH SWALLOWS, AGB. 1917, 81.

*A tame House Martin, 1906, 362.

(156)

Flycatchers

THE FLYCATCHERS, Delac. 1925, 9 (AVIC.).

THE SPOTTED FLYCATCHER, Bonhote, 1895, 57.

Blue-throated Flycatcher, *Cyornis rubeculoides*. New, Zoo, 1911, 303,

Great-billed Flycatcher. C.P. 1911, 77.

THE VERDITER FLYCATCHER, *Stoparola melanops*. Harper, 1909, 277, PLATE.

Niltavas

THE RUFOUS-BELLIED NILTAVA, *N. sundara*. Humphrys, 1903, 24; 1904, 21, PLATE.

Great Niltava. *Perreau brought a pair, 1913, 211.

THE LESSER NILTAVA, *N. macgrigoriae*, SS. 1923, 33.

THE BLUE NILTAVA, *Xanthopygia cyanomelaena*. HDA. 1913, 189, PLATE; LCBA. 1913, 90.

THE PARADISE FLYCATCHER, Dewar, 1909, 260; *Finn, 299; Stuart-Baker (one kept in India), 1912, 302.

Fantails

Black and White Fantail, *Rhipidura tricolor*. *A pair at the Zoo, 1914, 322.

Black and White Fantail, *Sauloprocta motacilloides*. *Just obtained by Fulljames, 1900, 163.

Petroecae. *Kept in Australia, 1914, 369.

Scarlet-breasted Robin, *P. leggi*, New, Zoo, 1914, 322.

Flame-breasted Robin, *P. phoenicea*, New, Zoo, 1914, 322.

Flycatchers

THE AUSTRALIAN YELLOW-BREASTED ROBIN, *Eopsaltria australis*, Farrar, 1900, 189; *Just obtained by Fulljames, 1900, 163.

White-bellied Robin, *Miro albifrons*. *Has been at the Zoo, Welch, 1925, 83.

(157)

Solitaires

Grey Solitaire, *Myiadectes unicolor*, New, Zoo, 1904, 277; THE CLARINO . . ., *Myiadectes unicolor*, Stokes, 1927, 91.

TOWNSEND'S SOLITAIRE, HDA. 1909, 319.

Shining Flycatcher, *Phainopepla nitens*. *A recent arrival at the Zoo, Finn, 1909, 295.

Crested Grey Bird, *Ptilogonys cinereus*. *Chapman has it, 1927, 113.

(158)

Broadbills, *Eurylaemidae*

Green Broadbill

One brought by Goodfellow, "new," 1929, 10; eight more . . . 1929, 326; THE GREEN BROADBILL, SS. 1929, 231, PLATE; *Tavis. 1930, 49.

Hose's Broadbill, brought by Goodfellow, 1929, 326.

Pittas

PITTAS IN CAPTIVITY, HDA. 1902, 8; PITTAS, CHATTERERS, TYRANTS, etc., Delac. 1925, 161, PLATE (AVIC.).

THE INDIAN PITTA, *P. brachyura*, RP. 1902, 179, 257, PLATE; *Sex Harper, 1903, 29.

ELLIOT'S PITTA, *Eucichla ellioti*, Chawner, 1929, 131, PLATE.

(159)

THE LYRE-BIRD, Ashby, 1916, 215.

*At Zoo, 1900, 184; 1903, 110 (a hen).

*Male incubating, Le Souëf, 1903, 1913.

Hybrids between the Lyre-bird and Common Fowl reported; "exhibited at the Victoria Poultry Show many years ago," 1905, 46.

(160)

The Oven-bird, *Furnarius*

Has arrived, 1904, 57; Bonhote (wild life, photo of nest), 1911, 237; AGB. (in captivity: *very little*), 1911, 239.

(161)

. . . TYRANTS, etc., Delac. 1925, 165 (AVIC.).

Sulphury Tyrant

Verses, Finn, 1927, 144.

*An old record in aviculture (18th century), Finn, 1928, 100.

Derby Tyrant, *P. derbianus*. New, Zoo, 1912, 36.

(162)

. . . CHATTERERS . . . etc., Delac. 1925, 163 (AVIC.).

Yellow-vented Cotinga, *Pipreola jucunda*. *Brought by Goodfellow from Ecuador for Brook, 1915, 379.

Rieffer's Cotinga. *Probably one of the Cotingas brought by Good-fellow, 1915, 379.

Purple-throated Cotinga

*Two now at the Zoo, 1929, 265 ; THE . . . SS. 1930, 113, PLATE.

Superb Manakin. *Two now at the Zoo, 1929, 265.

Edwards' Manakin, *ditto*.

Blue-backed Manakin, *Chiroxiphia pareola*. *Frost brought a hen to the Zoo, 1910, 290.

Cock of the Rock

*Frost after Cocks of the Rock in Demerara (*cutting*), 1910, 257 ; he brings six to the Zoo, 290 ; THE COCK OF THE ROCK, Frost, 1910, 319, PLATE (*male and female*) ; *One at the C.P. 1911, 156 ; *A note on the . . . 1914, 202 ; *A recent arrival at the Zoo, 1928, 197.

Umbrella Bird. *"One has been imported," Finn, 1909, 362.

Bell-birds

THE NAKED-THROATED BELL-BIRD . . . RP. 1912, 246.

Non-passeres

(163)

Woodpeckers

THE WOODPECKERS, Delac. and Legendre, 1925, 192 (AVIC.).

NOTES ON SOME N. AMERICAN WOODPECKERS, Lady Cecil, 1919, 48.

THE GREATER SPOTTED WOODPECKER, Medland, 1914, 265.

Lesser Spotted W. Notes on rearing by hand, Galloway, 1911, 184.

Mace's Woodpecker. Zoo, 1903, 183.

Gila Woodpecker. New to Zoo, 1911, 339.

Wagler's Woodpecker, *Melanerpes wagleri*, Delac. has one, 1920, 168.

Golden-backed W. *Brachypternus aurantius*, on PLATE, 1925, 200.

Yellow-naped Woodpecker

A RARE WOODPECKER FROM THE HIMALAYAS, *Chrysophlegma flavinucha*, HDA, 1919, 205 ; 1920, 135 ; THE YELLOW-NAPED W. HDA. 1924, 282, PLATE.

THE WRYNECK, AGB. 1895 ; WRYNECKS. Legendre, 1925, 197 (AVIC.).

(164)

Cuckoos

THE CUCKOOS, Delac. and Legendre, 1925, 289 (AVIC.).

HOOPOES AND CUCKOOS, RP. 1907, 236.

CUCKOOS AND PARROTS OF N.S.W., North, 1918, 259.

The Cuckoo

*March Cuckoos, Millais, 1905, 229 ; NOTES ON THE CUCKOO, Dalgliesh, 1907, 355 ; 1908, 45 ; CUCKOOS' HABITS IN THE BREEDING SEASON, HDA. 1915, 279.

Cuckoos

*A Cuckoo kept through the winter, 1911, 304; CUCKOOS IN CAPTIVITY, EH. 1918, 31.

Koel. *One at the Zoo, 1913, 89.

Radiated Fruit-cuckoo, *Carpococcyx radiatus*

One received at the Zoo in 1882 lived there 18 years, 1918, 39;

*Goodfellow brought one, 1929, 326.

RENAULD'S GROUND-CUCKOO, *C. renauldi*, Delac. 1927, 230, PLATE; NESTING OF . . . (eggs only), Ezra, 1927, 326.

Coucals

SHORT NOTES ON *Centropus superciliosus* IN CAPTIVITY, G. H. Gurney, 1909, 119, photo; the White-browed Coucal, *C. superciliosus*, imported by Gamage, 1921, 108.

THE BREEDING OF THE INDIAN COUCAL, *Centrococcyx rufipennis*, SB. 1928, 279. Photo of the young bird at about three weeks old.

(165)

BARBETS, Delac. 1925, 222 (AVIC.).

*Rare Barbets imported, 1920, 166.

LEVAILLANT'S BARBET, Horsbrugh, 1909, 337, PLATE; *Trachyphonus cafer* imported by Hamlyn, 1920, 166.

Abyssinian Barbet, *Trachyphonus margaritatus*. *Was bred by Reeve, 1927, 226.

Tricholaema leucomelas. *Imported by Hamlyn, 1920, 166.

THE RED-FACED BARBET, *Lybius abyssinicus*, SS. 1928, 283, PLATE.

Black-collared Barbet, *L. torquatus*

*Imported by Hamlyn, 1920, 166; by Gamage, 1921, 41.

Little Barbet, *Barbatula pusilla*. *Brought by Webb, 1930, 185.

Blue-cheeked Barbet

C.P. 1899, 19; *Housden, 40; on PLATE, 1925, 200.

THE GOLDEN-THROATED BARBET, *Cyanops franklini*, RP. 1905, 323, PLATE.

Oort's Barbet, *C. oorti*. Brought by Frost, 1930, 398 ("new").

Coppersmith Barbet, LCBA. Show, 1912, 65.

THE FIRE-TUFTED BARBET, *Psilopogon pyrolophus*, SS. 1929, 175, Plate. "New," brought by Goodfellow for Spedan-Lewis, 1929, 10.

(166)

. . . ROLLERS . . . Delac. 1926, 85 (AVIC.).

THE ROLLERS, Porter, 1928, 248.

Common Roller

THE ROLLER AND ITS FOOD, RP. 1898, 103, 121; THE EUROPEAN ROLLER, RP. 1899, 46; BREEDING IN CAPTIVITY, St.Q. (two reared), 1901, 217; Medal, 1902, xii, 37.

THE INDIAN ROLLER, RP. 1899, 64.

Lort's Roller. *Bred by Whitley, 1929, 265; on PLATE, 1925, 265.

MY LONG-TAILED ROLLER, Delac. 1921, 17, PLATE, p. 63.

GAMBIAN ROLLERS, EH. 1920, 140.

C. senegalensis, 140.

C. cyanogaster, 151; 1925, 191; "believed first arrival," SS. 1927, 25, PLATE.

C. naevius, 1920, 145, 152.

Eurystomus afer, 154.

(167)

Hornbills

HORN BILLS, Renshaw, 1914, 57; Delac. 1926, 64 (AVIC.). Photos of Hornbills, 1925, 45.

THE BROMVOGEL, W. Slater, 1911, 121, photo: Hutchinson, 208.

Anthracoceros convexus. *Renshaw, 1903, 177.

THE BLACK-BILLED HORNBILL, *Lophoceros nasutus*. Millet-Horsin, 1919, 107.

Red-billed Hornbills: Nesting at the Berlin Zoo, 1926, 282.

(168)

HOOPOES, Delac. and Legendre, 1926, 67 (AVIC.); (RP. see 164).

WILD AND TAME HOOPOES, HDA. 1900, 41; *Hoopoes in captivity, 289; MY HOOPOE, Chawner, 1910, 229.

Brehm's Hoopoe, *U. epops major*. NOTES ON . . . Nicoll, 1911, 260.

Wood-hoopoe (Kakelaar), *Irrisor viridis*

Imported by Hamlyn, 1921, 88; on PLATE 1925, 265.

(169)

Honey-guides (*Indicator*)

THE HONEY-GUIDE DEATH-LURE, Mrs. Prestwich, 1927, 150; A TAME HONEY-GUIDE (*in S. Africa*), Porter, 1927, 152; Nesting habits, 247, *283.

(170)

THE COLIES, Delac. 1925, 279 (AVIC.).

Cape Coly, *Colius striatus*, C.P. 1896, 71; NOTES ON THE BREEDING OF THE S. AFRICAN COLY, G. H. Gurney (two reared), 1915, 179.

THE RED-FACED MOUSEBIRD, *C. erythromelon*, Finn, 1910, 199, PLATE.

Blue-naped Coly. THE SOFT PARTS OF THE . . . AGB. 1909, 94.

(171)

TOURACOUS, BOWER-BIRDS AND . . . Mrs. J. 1912, 145.

TOURACOUS, Delac. 1925, 284 (AVIC.).

Buffon's Touracou

BREEDING OF . . . IN FRANCE, Delac. (one reared), 1916, 211.

Senegal T. (*persa*). On PLATE 1925, 200

THE UNSUCCESSFUL NESTING OF THE . . . Stokes, 1927, 270.

Pink-crested Touracou, *T. erythrolophus*

APROPOS OF THE PINK-CRESTED TOURACOUS . . . HDA. 1915, 270: THE PINK-CRESTED T. 1916, 211, PLATE; BREEDING OF THE . . . HDA. (one young bird lived a month), 1916, 334.

Donaldson's Touracou

First arrival, 1925, 141; *Bred in California, 1930, 129.

Touracous

Fraser's Touracou, *T. macrorhynchus*

THE NESTING OF . . . Mrs. J. (the young bird lived a month), 1905, 26 ; Success, 1907, 87 ; Silver Medal, 162.

ON THE NESTLING FRASER'S T. (*Anatomy*), Pycraft, 1905, 55, 117.

THE GREAT-BILLED T., Renshaw, 1914, 361, photos.

White-crested Touracou, *T. corythaix*

NESTING OF THE . . . HDA. (photo of nest : "chick hatched"), 1908, 297 ; THE BREEDING OF THE . . . , ANOTHER FAILURE, HDA. 1909, 350 ; *Willford has it, 1911, 183.

Schalow's T. A pair at the Zoo, 1900, 60.

Purple-crested T., *Gallirex porphyrocephalus*

Three brought by Webb, "new," 1927, 26.

Blue Touracou, *Corythacola cristata*

THE GREAT CRESTED TOURACOU, L. M. Seth-Smith, 1915, 325, photos ; THE GREAT T. . . Delac. (he has one), 1918, 152 ; Zoo, 1928, 163 ; THE BLUE T., L. M. SS. 1928, 186, photo ; SS. 1930, 1, PLATE.

THE BLUE TOURACOU AND THE BEGINNINGS OF FLIGHT, Finn, 1928, 273.

Violaceous Touracou, *Musophaga violacea*

THE VIOLACEOUS PLANTAIN-EATER, SS. 1930, 141, PLATE.

Ross's Touracou, *M. rossae*

L. M. Seth-Smith, 1911, 53, PLATE.

Grey Touracou, *Schizorhis concolor*, *Delac. has it, 1921, 68.

THE WHITE-BELLIED TOURACOU, *S. leucogaster*, SS. 1930, 33, PLATE.

Gymnoschizorhis

G. personata at the C.P. "probably new", SS. 1930, 73, 79.

(172)

Trogon

Cuban Trogon, *Priotelus temnurus*

*LCBA. "first appearance," 1909, 111 ; again, 1912, 65.

*Berlin Zoo, 1909, 161 ; On PLATE, 1925, 200.

MY TROGONS (*temnurus*), Plath, 1928, 67.

THE QUEZAL, Porter ("has been kept in C. America"), 1930, 61 ; TROGONS, Plath (*re* keeping the Quezal), 1930, 126, "was kept b they Aztecs," Finn, 1913, 47.

Red-headed Trogon, *Harpactes erythrocephalus*

*"This Indian Trogon has been at the Calcutta Zoo," Finn, 1913, 47.

Narina Trogon. *In captivity in S. Africa, 1921, 116.

(173)

Todies

GREEN TODIES. Attempt to rear them in Jamaica, Attewell, 1907, 339.

*Cuban Tody : one arrived at San Francisco, 1930, 84.

(174)

THE MOTMOTS, Delac. 1926, 33 (AVIC.). THE MOTMOT, *M. momota*, HDA. 1916, 151; PLATE and photos; *Abnormal racquets in a Motmot, 1918, 171.

M. ruficapillus, at the Berlin Zoo, 1909, 161.

Swainson's Motmot, Zoo, 1927, 172.

(175)

Toucans

THE TOUCANS, Delac. 1925, 218, PLATES (AVIC.).

TOUCANS, Osbaldeston, 1899, 85; *1902, 299.

MY PET TOUCAN, Woodward, 1918, 122.

THE ORANGE-AND-WHITE-BREASTED TOUCAN, *R. vitellinus*, Hammond, 1929, 199, PLATE.

Spot-billed Toucanet. On PLATE. 1925, 200.

*The first arrival was to the Zoo before 1909; Hamlyn now has a hen, 1909, 274; hatched at the Zoo but did not rear, SS. 1914, 48.

Crimson-rumped Toucanet, *Aulacorhamphus haematopygia*, *Découx, "a first arrival," 1930, 317, photo.

Green Toucanet, *Au. sulcatus*. At C.P. 1924, 64.

Baillon's Aracari, *Andigena bailloni*. *Imported by Hamlyn, 1909, 274.

(176)

NIGHTJARS, Legendre, 1926, 30 (AVIC.).

THE NIGHTJAR, Dagliesh, 1907, 275; Galloway, 1915, 137, photo; *196, 231.

NIGHTJARS BREEDING IN CAPTIVITY, Heinroth (*from the FIELD*, 1909, 51.

Cuban Nightjar ("Mosquito-Hawk"), *Chordeiles v. minor*. Attempt to rear, Attewell, 1909, 96.

Nacunda Goatsucker. *One at the Zoo, 1911, 128.

A GUACHARO CAVE, C. Ingram, 1906, 236, photo.

(177)

. . . FROGMOUTHS, Delac. 1926, 85 (AVIC.).

MY MOREPORKS (Frogmouths), 1917, 164.

CUVIER'S PODARGUS, Renshaw, 1916, 332.

Papuan Frogmouth, *Podargus papuanus*. Brought by Frost, "new," 1930, 308.

(178)

THE SWIFT, AGB. 1901, 200.

(179)

HUMMING BIRDS, Delac. 1926, 25. PLATE (AVIC.).

*A Humming Bird has arrived at the Zoo, Nov. 1905 (*Petasophora iolata*), 1906, 109.

Historical notes on Humming Birds in captivity, 1906, *154, 243, 271.

HUMMING BIRDS AT THE ZOO, SS. (*twenty brought by Pam*), 1907, 244; . . . IN CAPTIVITY, Pam, 1907, 285. Plain plate; *Finn, 1913, 66; *1916, 68; *Another arrival at the Zoo, 1914, 201.

Humming Birds

MY HUMMING BIRDS AND HOW I OBTAINED THEM. By a French Member, 1915, 105, 151. PLATE of *Sporadinus riccordi* and *Eulampis jugularis*; *Arrival of more . . . in Paris, 1915, 392; MORE NOTES ON NEW HUMMING BIRDS, 1916, 157.

*Two exhibited by Ezra, 1915, 70; MY HUMMING BIRDS, Ezra, 1915, 286; A HUMMING BIRD, HDA. 1922, 120.

*Humming Birds brought by Delacour, 1922, 107.

*Humming Birds brought by Webb for Spedan Lewis; now at the Zoo (*five species*), 1927, 272; NOTES ON THE H.Bs. RECENTLY AT THE Zoo, Finn, 1928, 92.

POWERS OF RESUSCITATION IN . . . HDA. 1914, 339.

Wild Life

. . . IN TRINIDAD (breeding), C. Ingram, 1906, 311.

*. . . in South America, Brabourne, 1915, 264.

. . . FEEDING HUMMING BIRDS DURING SEVEN SUMMERS, Sherman, 1915, 328, 381.

HUMMING BIRDS IN THEIR NATIVE HAUNTS, Blaauw, 1916, 86.

MORE ABOUT HUMMING BIRDS (wild), 1922, 121.

Thalurania furcata, PLATE, 1923. Frontispiece.

(180)

BEE-EATERS, Legendre, 1926, Thirty-four photos. (AVIC.).

The Common Bee-eater

"The Bee-eaters still alive (Zoo) . . . rather miserable in a parrot-cage," 1900, 114.

THE EUROPEAN BEE-EATER, RP. 1902, 103, 128, 152. PLATE (*immature birds*).

OLD FRIENDS: A REMINISCENCE (*of Bee-eaters*), RP. 1906, 255.

White-fronted Bee-eater *M. bullockoides*

*Gamage's 1926, 188; THE . . . Stokes, 1926, 273; SS. 1927, 1. PLATE.

Australian Bee-eater

Two have arrived at the Zoo, SS. 1911, 240; have been there a year, 1912, 286, photo.

(181)

KINGFISHERS . . . Delac. 1926, 85, photos (AVIC.).

Pelargopsis gural, Zoo, 1903, 215.

Aru Great K., *Sauromarptis tyro*

Five brought by Frost from New Guinea; a first importation, 1921, 152.

THE KINGFISHER

Arthur, 1895, 65, *86; HDA. 1915, 49, photo, *103, 134, 167; Galloway, 1915, 147.

MY KINGFISHERS, Rothera, 1897, 137.

THE KINGFISHER AND SNIPE IN CAPTIVITY, Rattigan, 1915, 139, *196.

FEARLESSNESS OF KINGFISHERS, 1923, 277.

Natal Kingfisher, *Ispidina picta natalensis*. Webb brought two ; Ezra took them, 1930, 195.

Sacred Kingfisher, *Halcyon sancta*. THE . . . SS. 1900, 119. PLATE.

White-breasted Kingfisher, *H. smyrnensis*. . . IN CAPTIVITY, Harper, 1901, 39 ; on PLATE, 1925, 200.

Laughing Kingfishers, *Dacelo*

NESTING OF THE LAUGHING KINGFISHER, Cosgrave (reared), 1912, 89, photo ; Medal, 125, 343.

THE BUFF KINGFISHER, *D. cervina*, 1907, 172.

Parrots

(182)

PARROT NOTES, Dutton, 1898, 21 ; 1899, 44 ; *Fullj. 1898, 93.

PARROTS, HDA. (PRACT. BIRD-KEEPING), 1911, 375 ; Cresswell, 1920, 46, 65, 88, 107, 142.

PARROTS AND PARRAKEETS IN GENERAL, Tavis. 1926, 127 (AVIC.).

PARRAKEETS, Castellan (*on Cresswell*), 1896, 40.

NOTES ON PARRAKEETS (*mostly Australian*), Sergeant, 1904, 198.

PARRAKEETS, SS. (PRACT. BIRD-KEEPING), 1911, 220, 246.

PARRAKEETS, LORIKEETS, AND LOVEBIRDS, Découx, 1919, 173.

Breeding Parrots. *Dutton, 1895, 99 ; Breeding rare Parrakeets in America, Tavis. 1926, 166.

SOME MARRIAGE-RELATIONSHIPS (*in Parrakeets*), Tavis. 1925, 243.

A BURIED COMPLEX, Tavis. 1926, 313.

"DE GUSTIBUS," Tavis. (*P'keet likes and dislikes*), 1929, 90.

Sexes. *Query and replies, 1895, 27 ; *Jaw-measurements as a sex distinction in Grey Parrots, 1902, 78 ; Sex of Black-cheeked Lovebirds (*irides*), 1911, 51 ; ON SEXING PARRAKEETS (*Broadtails*), L.-K. 1914, 42 ; Tavis. 1921, 59 ; *letters, 87, 119 ; SEXING PARROTS, Knobel, 1921, 4, 111.

(183)

PARRAKEET NESTING SITES : SUITABLE AND UNSUITABLE, Tavis. 1927, 238.

*Logs and nest-boxes for Parrakeets, Savage, 1897, 131 ; *1901, 86.

SOME HINTS ON PARROT-KEEPING, Tavis. 1914, 207, 296, 353.

*Marking rings for Parrakeets, 1904, 83.

*Parrots' perches, 1896, 32 ; *Aviaries for Parrakeets, *1906, 79 ; Tavis. 1929, 79, 258 ; *Toys for Parrots, 1906, 289.

ON TAMING PARROTS, Alderson, 1917, 240.

STORIES FROM REAL LIFE, Alderson (*Parrakeets*), 1905, 274.

THE FEEDING OF PARROTS, Dutton, 1900, 240 ; Mice for Parrots, Arthur, 1896, 12 ; Meat for . . . 31 ; *Grit and newly-imported Parrots, 1896, 12, 31, 47, 62, 183.

(184)

*"The fever so destructive to Grey Parrots," 1897, 36. *Psittacosis, 1930, 54 ; Importation of Parrots prohibited, 162.

Parrots

A feather-eating Parrot (*Nymphicus*), 1899, 75 ; Parrot plucking itself cured with Sunlight soap, 1900, 283 ; Feather-plucking in Parrots, SS. 1930, 219, 278, 310.

Longevity in Parrots, 1901, 42, 196 ; An Aubry's Parrot at the Zoo 19 years, 1930, 215 (*and see Age, part i*).

Shows

Parrots at the C.P. Simpson, 1897, 95 ; *Fullj. 133 ; *Cresswell, 1898, 90 ; Dutton, 1899, 13 ; (C.P. Feb. 1899), Cresswell, 1899, 93 ; (C.P. 1900), Dutton, 1900, 111 ; *Camps, 136 ; Hortie. Hall, Nov. 1914, 1915, 72.

(185)

The Parrots at Northrepps Hall, 1855, 1896, 108.

*Parrot Notes, Fullj. 1898, 93 ; A VISIT TO BROOKLYN (*Mr. Fulljames' Parrots*), Dutton, 1898, 144.

Mr. Fasey's Parrots at Snaresbrook, SS. 1903, 298, and letters, 335, 336 ; SOME EXPERIENCES WITH PARROTS, Fasey, 1911, 42.

*Mr. C. P. Arthur's Parrakeets, 1907, 217.

Mr. Whitley (Paignton) has 137 *species* of Parrots and ten different parrot hybrids, SS. 1929, 327 (*p. 132. List of 120 species*).

THE NEW PARROT HOUSE AT THE ZOO, Prestwich (*the old Restaurant*), 1930, 215.

Parrots in Epping Forest, 1930, 335.

ENGLISH NAMES OF THE PARROTS, EH. 1914, 282, 315, 341, 377 ; 1915, 43, 74, 95, 128, 165, 191, 225, 288, 317, 353 ; 1916, 41, 66.

. . . LIST OF COLOURED PLATES . . . PARROTS, EH. 1917, 85, 117, 151, 176.

Poem, "To my Parrot," Haslope, 1902, 230.

(186)

Lories

LORIES, LORIKEETS, AND OTHERS, RP. 1900, 141 ; Lories : treatment, 1907, 253 ; THE FEEDING OF LORIES, Brook, 1908, 84 ; *1912, 313 ; 1921, 94 ; . . . LORIKEETS . . . Découx, 1919, 173 ; LORIES Delac. 1926, 130 (AVIC.) ; THE KEEPING AND FEEDING OF LORIKEETS AND SWIFT PARRAKEETS, Hamilton (Adelaide), 1928, 160.

THE BREEDING OF LORIKEETS IN CAPTIVITY, SS. 1907, 209, *and see BLACK and BLACK-CAPPED LORIES* (187, 189), and *Trichoglossus* (191) *below*.

Habits of Lories (wild). Letter : Frost, 1925, 190.

(187)

Chalcopsitta

THE BLACK LORY, Mrs. J. 1905, 147.

"My Black Lories have young," Brook, 1909, 398 ; the BREEDING OF THE BLACK LORY, Brook, 1910, 28 ; Medal, 1911, 22.

Raja Lory, *Ch. insignis*

Brought by Frost, "new," 1927, 273 ; THE RAJA LORY, SS. ("only one previous arrival"), 1930, 60. PLATE.

Duyvenbode's Lory

One brought by Goodfellow, 1929, 326 ; at Zoo, 1930, 129.

(188)

Eos

White-rumped Lory, *E. fuscata*

First importation : Goodfellow for Mrs. J. 1907, 243 ; Brook has one ; " another arrived two years ago, but soon died," 1909, 308 ; Mrs. Burgess has one, 1921, 87 ; At C.P. 1922, 23.

E. cyanogenys. First arrival : Goodfellow for Mrs. J. 1907, 243 ; at the Zoo, 1909, 251.

E. semilarvata. First : Goodfellow for Mrs. J. 1907, 243.

(189)

Lorius

THE PURPLE-CAPPED LORY, Simpson, 1895, 68.

Black-capped Lory, *L. lory*. THE BREEDING OF THE . . . (one reared), 1921, 116, 149.

Green-tailed Lory, *L. chlorocercus*. One at the Zoo, " from the Solomons, very rare. The Zoo had a pair in 1867," 1912, 71.

THE YELLOW-BACKED LORY, *L. flavopalliatius*. SOME NOTES ON THE . . . Crosse, 1925, 102. PLATE, *159.

(190)

Calliptilus

Fiji Lory (Ruffed Lory), *C. solitarius*

1912, 52, Photo ; New to Zoo, 71 ; eight more deposited, 226 ; An early importation of the Ruffed Lory recalled, 1913, 40.

(191)

Trichoglossus

Swainson's Lorikeet (" Blue Mountain L.")

Food, 1900, 36 ; SWAINSON'S LORIKEET, Osbaldeston, 1902, 167 ; *173, 207, 238, 398 ; were bred in 1907 (Little), 1908, 105 ; Records of breeding, 1928, 303 ; " Blue Mountains " bred in a cage, Frostick, 1929, 81.

HYBRID SWAINSON'S × RED-COLLARED LORIKEETS bred, Harding (reared), 1912, 189 ; LORIKEETS BREEDING AT THE ZOO, SS. (*hybrid Swainson's × Red-collared reared*), 1917, 268.

TAME LORIKEETS AT LIBERTY (Swainsons in Queensland), Mrs. Innes, 1911, 253, photos.

Red-collared Lorikeet

Some have arrived, 1904, 57 ; at C.P. 69 ; Sexes, 1917, 352 ; Hybrids, *see above* ; Red-naped Lorikeets, Thom. 1918, 265.

Forsten's Lorikeets

At C.P. 1896, 91 ; Note on, 1900, 163.

SUCCESSFUL BREEDING OF . . . Mrs. Michell, 1906, 24 ; bred again (Michell), 1907, 81.

Lorikeets

THE BLACK-THROATED LORIKEET, *T. nigrigularis*. Harding, 1906, 21. PLATE.

Green-naped Lorikeet, *T. cyanogrammus*. Brought by Goodfellow for Mrs. J. 1907, 243.

Mrs. JOHNSTONE'S LORIKEET. Goodfellow, 1906, 83, PLATE ; THE NESTING OF . . . Mrs. J. ("thriving, a month old"), 1907, 44; Medal, 110.

At C.P. 1910, 138.

Rosenberg's Lorikeet, Brought by Frost, 1920, 194.

THE ORNAMENTED LORIKEET, Simpson, 1897, 81. PLATE.

(192)

THE VARIED LORIKEET, *Ptilosclera versicolor*. RP. 1903, 287, PLATE : "a few have arrived," 1903, 114. Mrs. Burgess has it ; the first arrival was 1902, 1921, 87.

Musky Lorikeet, 1905, 341 ; ? smell of musk, 1926, 191.

Purple-crowned Lorikeet, *Glossopsittacus porphyrocephalus*, 1913, 90. Plain plate.

Perfect Lorikeet. NOTES ON THE . . . IN CAPTIVITY, Tavis. 1927, 258.

WEBER'S LORIKEET, SS. 1904, 246.

Fair Lorikeet, *Charmosynopsis pulchella*

Goodfellow brought it for Mrs. J. 1908, 334 ; three more (Goodf.) 1909, 336.

BREEDING OF THE . . . Brook, "the young bird now flying and feeding by itself," 1915, 29.

Stella's Lorikeet, *Charmosyna stellae*

Brought by Goodfellow for Mrs. J. 1908, 334 ; four more, 1909, 336 ; at C.P. 1910, 138.

Hypocharmosyna placens. Brought by Goodf. for Mrs. J. 1908, 334. *H. wilhelminae* also brought but died on the voyage, 335.

Cyclopsittacus diophthalmicus. Goodfellow brought a pair of what were probably these, 1908, 335.

Oreopsittacus grandis, "Victoria Lories." Three brought by Goodfellow, 1909, 336.

Nasiterna bruijini. Goodfellow kept it in New Guinea, but food could not be supplied, 1908, 335.

(193)

THE KEAS, Delac. 1926, 120 (AVIC.).

*Change of habits . . . (Kea, Starling in N.Z.), 1905, 115, 144. *Kea "guilty", 1907, 76 ; THE KEA, . . . NOTES ON TRAPPING, Stead, 1908, 281.

(194)

Pesquet's *Dasyptilus*

NOTES ON PESQUET'S PARROT, Tavis. 1920, 201, photo, p. 65 ; One brought by Frost goes to America, 1921, 153 ; PESQUET'S PARROT ; Mrs. Burgess, 1924, 190, photo ; EH. (*Historical*), 1923, 229 ; Two brought by Goodfellow, 1927, 224 ; At C.P. 1928, 73.

(195)

COCKATOOS, Tavis. and Delac. 1926, 148 (AVIC.).
 Washing Cockatoos, 1896, 126.
 Breeding Cockatoos, Wiener (letter), 1896, 139.
 A Cockatoo more than 70 years old, 1903, 371 ; one 119, 1917, 56.
 COCKATOO-CATCHING IN VICTORIA, Thornton Skinner, 1920, 79 ;
 CATCHING SULPHUR-CRESTED COCKATOOS, F.R. 1907, 211.

Black Cockatoos

*SS. 1904, 135.
 Food, 1907, 255 ; Habits, 1908, 59.
 Nine Great Black Cockatoos have arrived (Frost), 1927, 273.
 THE DISPLAY OF THE PALM COCKATOO (*M. aterrimus*), Tavis.
 1928, 291.

Ganggang Cockatoo

"first arrival for fifteen years," 1897, 34.
 "Bred this season in France," 1921, 176 ; THE BREEDING OF THE
 . . . WITH MDE. LECALIER, Hedges (one reared), 1922, 7.

Leadbeater Cockatoo

NESTING OF THE . . . Mrs. J. (three reared), 1901, 191, Medal,
 1902, 37 ; Reared at the Zoo, 1921, 153.
 THE GREATER SULPHUR-CRESTED COCKATOO, Dutton, 1902, 83,
 photo.

Lesser Sulphur-crested Cockatoo

One 35 years old, 1914, 119.
 Bred and reared, Allen, 1924, 257 ; 1925, 83.
 THE SOLOMON ISLAND COCKATOO, 1901, 86/96.
 A PET COCKATOO (*from the Solomons*), Knobel, 1920, 112.
 Bare-eyed Cockatoo, Bred by Blaauw, 1927, 224.
 Slenderbill Cockatoo, at C.P. 1896, 75, 94.

Roseate Cockatoo

"Bred at liberty at Woburn," SS. 1922, 142.
 A HYBRID ROSE-BREASTED \times GREATER SULPHUR-CRESTED C.
 Bred at Woburn (*at liberty*), Cosgrave, 1912, 269.

Cockatiel

OUR JOEY, Barkly, 1901, 116.
 NOTES ON A NESTLING COCKATIEL (*Anatomy*), Pycraft, 1907, 300.

(196)

Macaws

MACAWS, Dutton, 1898, 22, 63 ; Tavis. 1926, 156 (AVIC.).
 *Hybrid Macaws at the Zoo, 1903, 145.
 LEAR'S MACAW, HDA. 1907, 111. PLATE.
 ILLIGER'S MACAW, Cresswell, 1898, 65.

Conures

Yellow-collared Macaw, *A. aureicollis*

Goodfellow has given a pair to the Zoo ; never before imported, 1920, 145.

THE SMALLER MACAWS, Knobel, 1927, 187, *246.

(197)

Conures

CONURES, Cresswell, 1898, 175 ; Dutton, 1899, 173 ; CONURES AND . . . ALLIES, Delac. and Berlioz, 1926, 178 (AVIC.).

Golden Conure, *Conurus aureus*

Four have arrived, 1926, 158 ; THE BREEDING OF THE . . . Waud (one reared), 1926, 327.

Queen of Bavaria's Conure, *C. guarouba*

At the Jardin . . . Paris, 1897, 115 ; arrived in London (Chapman), 1926, 158.

SOME NOTES ON THE . . . Tavis, 1926, 334 ; THE QUEEN OF BAVARIA'S PARRAKEET, Tavis. 1928, 262, PLATE ; Queen of Bavaria's Conures, Tavis. 1929, 229.

Yellow Conure, *C. solstitialis*

Bred in France in 1883 *teste* Russ. AGB. 1909, 192. The Sun Conure, a new arrival, Tavis. 1930, 48.

Nanday Conure

BREEDING OF THE . . . Mrs. J. (three reared), 1901, 215, 1902, 45.
*Killing their young, 1901, 215.

Cactus Conure

BREEDING OF THE . . . L-K. (three reared), 1915, 41.

Brown-throated Conure

Williams, 1907, 126 ; BREEDING OF THE . . . Mrs. Williams (two reared), 1908, 302 ; Medal, 348.

Hybrids : Yellow-crowned \times Brown-throated Conure bred : two reared, 1905, 341.

Yellow-crowned Conure, Hybrids, *see above*.

Lucian Conure, one hatched, 1926, 323.

Aztec Conure, Bred in Jamaica, 1904, 51.

Cuban Conure, *C. euops*

Notes on the *euops* group, Rothschild, 1914, 153.

THE CUBAN CONURE, Porter, 1920, 122 ; . . . NESTING ATTEMPTS OF THE CUBAN C., Prestwich, 1929, 32.

C. gundlachi, *a rare Conure, ? *gundlachi*, 1914, 88.

Red-headed Conure, *C. rubrolarvatus*

BREEDING OF THE . . . SB. (two reared), 1925, 318.

WEDDELL'S CONURE, Knobel (new to aviculture), 1923, 177.

WHITLEY'S CONURE, SS. 1926, 261, PLATE (named at the British Museum, 1926, 111.)

Patagonian Conure

*Patagonian Conures and another unidentified larger *species*, 1919, 234; cf. 1920, 17, 18, 75.

(198)

White-eared Conure, *Pyrrhura leucotis*

SUCCESSFUL BREEDING OF THE . . . Brook, 1907, 59; Medal, 110.

Azara's Conure, *P. chiripepe*

BREEDING OF . . . SB. (one reared), 1923, 202.

P. emma, arrived (Chapman) new, 1929, 328.

P. rhodogaster, two new Conures at the Zoo, 1927, 272. THE CRIMSON-BREASTED CONURE, SS. 1928, 125, PLATE.

Red-breasted Conure, *P. vittata*

Breeding of the . . . SB. (one reared). 1925, 131.

Chilian Conure, *Microsittace ferruginea*. A recent arrival at the Zoo, 1928, 197.

(199)

Amazons

AMAZONS, Dutton (PARROT NOTES), 1899, 44, 83, 128; Knobel, 1926, 203, 229, PLATE (AVIC.).

SOME NOTES ON AMAZONS . . . Tavis. 1926, 275.

NOTES ON RARE . . . AMAZONS, Porter (*Guilding's, etc.*), 1930, 2,

*Yellow Amazons produced by rubbing in the secretion of a frog. 1917, 240.

THE AUGUST AMAZON, *A. imperialis*, late *augusta*, Dutton, 1902, 151, PLATE.

MY QUEST OF THE IMPERIAL PARROT, Casey A. Wood, 1924, 57, 77; IN SEARCH OF THE IMPERIAL PARROT, Porter, 1929, 240, 267, photo.

Guilding's Amazon

NOTES ON THE ST. VINCENT PARROT, Lady Thompson, 1900, 147.

GUILDING'S AMAZON, Dutton, 1904, 121, PLATE; Notes on . . . Porter, 1930, 2; One dies at least 24 years old, 1930, 311.

St. Lucia Amazon, *A. versicolor*

THE ST. LUCIA PARROT . . . Lady Thompson, 1902, 277, PLATE; Notes on . . . Porter, 1930, 5.

THE REJUVENATION OF JACO (*a St. Lucia A.*), Tavis. 1920, 173.

THE VINACEOUS AMAZON, Knobel, 1923, 119; Notes on . . . Porter, 1930, 11.

BOUQUET'S AMAZON, Dutton, 1901, 109, PLATE; Porter, 1930, 36.

(200)

Bodin's Amazon, Silver, 1919, 181; Notes on . . . Porter, 1930, 9.

Yellow-cheeked Amazon *A. autumnalis*

At the Zoo, 1900, 231; Notes on . . . Porter, 1930, 10.

Green-cheeked A., at the C.P. 1895, 55.

THE BLUE-FRONTED AMAZON, RP. 1899, 185.

Amazons

DIFFERENCES IN CHARACTER IN BLUE-FRONTED AMAZONS, Knobel, 1921, 71.

Tavistock has a lutino, 1925, 264.

Orange-winged Amazon, *A. amazonica*, HRF. 1899, 183.

A. hagenbecki, Russ. An unrecognized Amazon, 1909, 198.

THE YELLOW-FRONTED AMAZON, AGB. 1899, 161; Sex and talking powers, 1898, 184.

Lesson's Amazon, *A. lilacina*, 1916, 16; LESSON'S A., Silver, 1920, 30 (sketch).

Guatemalan Amazon

A rare Amazon, Silver (*probably this*), 1919, 133.

Cayman Island Amazon

At the Zoo, 1904, 276, 281; Notes on . . . Porter, 1930, 6.

THE BAHAMA AMAZON, Bonhote, 1904, 239, PLATE; ON THE NESTING OF THE . . . Bonhote, 1910, 80.

A. agilis

"The All-green Parrot, *Chrysotis agilis*," 1903, 185; Notes on *agilis*, Porter, 1930, 8.

A. collaris, notes on, Porter, 1930, 8.

(201)

THE SMALLER AMERICAN SHORT-TAILED PARROTS, Delac. 1926, 310 (AVIC.).

Pionus

A TAME RED-VENTED PARROT, Venner, 1925, 132.

Maximilian's Parrot, letter, 1895, 128; (Osbaldeston has one).

P. senilis, at the C.P. 1899, 94.

P. corallinus, brought by Goodfellow for Brook, 1915, 379.

Derophtus

THE HAWK-HEADED PARROT, Dutton, 1898, 174; W. T. Greene, 1902, 186.

Pachynus

The Short-tailed Parrot, *P. brachyurus*, HDA. 1910, 178; three have arrived, Knobel, 1926, 15.

Triclaria

Purple-breasted Parrot, *T. cyanogaster*, HDA. 1910, 178; PLATE 1925, 236.

Pionopsitta

THE RED-CAPPED PARROT, *P. pileatus*, HDA. 1910, 180; one at the C.P. 1905, 23; two received, HDA. 1923, 217.

Hemignathus

BREEDING THE LONG-BILLED PARRAKEET, *H. leptorhynchus*, Blaauw (reared), 1914, 24; The "Slight-billed P." was bred by Blaauw, 1927, 87.

Rhynchopsitta

THE THICK-BILLED PARROT, *R. pachyrhyncha*, Plath, 1927, 89, 141, PLATE.

Myopsitta

*A tame Quaker Parrakeet feeding a young Cuckoo, Wiener, 1896, 143.

Letter, RP. 1898, 37.

*An odd Quaker Parrakeet nests at liberty, 1901, 86 ; A QUAKER P. at large, *Editor*, 1903, 181.

Nesting of . . . (four reared), 1915, 198.

. . . A QUEER FRIENDSHIP, Knobel (*Quaker P. and Leadbeater Cockatoo*). 1922, 105.

(202)

Brotogerys

The genus *Brotogerys* as pets, Letters, 1898, 17.

A TAME TUIPARA PARRAKEET, Astley, 1906, 23.

THE NESTING OF ORANGE-FLANKED PARRAKEETS . . . Lewis (three reared), 1926, 71.

White-winged Parrakeets, *Goodfellow, 1900, 186.

(203)

Forpus (late Psittacula)

MY PASSERINE PARRAKEETS, Cresswell, 1896, 144.

SOME NOTES ON LOVEBIRDS, PARROTLETS, etc., Tavis. 1928, 174.

BREEDING PASSERINE PARROTLETS (reared), Weston, 1905, 34 ;

THE BREEDING OF THE PASSERINE PARROTLETS AT LIBERTY, Tavis. 1921, 178.

BREEDING OF THE GUIANA PARROTLET, *Ps. guianensis*, Wildeboer (three reared), 1926, 244.

BREEDING OF THE BLUE-RUMPED PARROTLET, *Ps. cyanopygia*, Mrs. Goddard (three reared), 1927, 334/343.

On PLATE, 1928, 174.

(204)

Lovebirds, Agapornis

THE LOVEBIRD, RP. 1896, 49 (" *taranta*, *fischeri*, *personata*, and *swinderiana* practically unknown to present-day aviculture") ; . . . LOVEBIRDS, Découx, 1919, 173 ; LOVEBIRDS, Mrs. Prestwich, 1927, 133, 147, 185, 221, 232, 339, 1928, 13 ; Letters, 1927, 309, 347 ; 1928, 24 ; SOME NOTES ON LOVEBIRDS . . . etc. . . . Tavis. 1928, 174 (four Lovebirds on PLATE).

A LOVEBIRD MISCELLANY, Mrs. Prestwich, 1928, 188, with list of Hybrids.

*Lovebird hybrids breeding *inter se*, 1927, 116.

*Lovebird hybrids, Record to date, Prestwich, 1928, 15.

*Hybrid Fischer's and Masked have been bred, 1928, 305.

*More hybrid records, Prestwich, 1929, 78.

*Black-cheeked and Masked hybrids, are they real hybrids ?, 1929, 22, 102.

THE ABYSSINIAN LOVEBIRD, *A. taranta*

HDA. 1910, 23, PLATE, *note p. 75.

Astley has a pair, 1909, 200 ; At the LCBA. 1913, 90 ; ABYSSINIAN LOVEBIRDS, Lewis (two reared), 1926, 71, *83 ; *Were bred in Germany, in 1925, 1926, 146 ; NOTES ON BREEDING . . . Prestwich, 1928, 295.

Lovebirds

Red-faced Lovebird. *A. pullaria*

THE BREEDING OF . . . Porter (young not reared), 1904, 347/353.

(205)

Peach-faced Lovebird, *A. roseicollis*

MY PEACH-FACED LOVEBIRDS, Tienan (? = *Lienau*), 1923, 157.

NESTING OF THE . . . RP. (eggs only), 128 ; *Bred, the Cock incubated, 1927, 276.

An abnormal specimen at the Zoo ; rosy nearly all over, 1921, 107.

THE NYASA LOVEBIRD, *A. lilianae*, SS. ("new"), 1926, 53 ; Notes on . . . Amsler, 1926, 141, *283.

THE BREEDING OF THE . . . Stokes (*almost certainly a first*), 1926, 169, PLATE.

Fischer's Lovebird

TWO RARE LOVEBIRDS FROM TANGANYIKA, SS. (one Fischer's, the first arrival), 1925, 154 ; On PLATE, 1926, 169 ; THE ARRIVAL OF . . . Stokes, 1927, 257.

THE BREEDING OF . . . Tavis. (reared), 1928, 55.

(206)

THE BLACK-CHEEKED LOVEBIRD, *A. nigrigenis*, RP. 1908, 206 ; HDA. 317, PLATE.

Its breeding, RP. 1908, 318 ; 1909, 31 ; *53 ; Temple, 1910, 103 ; *Many have arrived, 1909, 140.

FURTHER NOTES ON THE . . . RP. 1909, 148, *247.

Have arrived again ; "the last time was 1908," 1926, 188, *283.

Sexing

Query *re*, RP. and reply, "impossible," 1910, 165 ; *Irides* as a sex-mark 1911, 51 ; A NOTE ON SEXING . . . L-K. 1914, 162.

Masked Lovebird, *A. personata*

TWO RARE LOVEBIRDS . . . SS. (three Masked ; the first arrival), 1925, 154 ; on PLATE, 1926, 169 ; Chapman has some, 1927, 146 ; BREEDING THE MASKED L., Tavis. (reared), 1928, 18, 78 ; Masked Lovebirds, at liberty, Tavis. 1929, 301.

The Blue Masked Lovebird at the Zoo, SS. 1928, 25, PLATE ; 1929, 23, 81.

Madagascar Lovebird, *A. cana*

NOTES ON THE BREEDING OF THE MADAGASCAR LOVEBIRD AND OTHER BIRDS, Oates (four reared), 1901, 41.

One moulted to a bronzy colour and died without further change, 1909, 175.

(207)

AFRICAN PARROTS, Tavis. and Delac. 1926, 329 (AVIC.) ; *La Perruche ingambée* of Levaillant (?), 1896, 13.

Grey Parrot

Operation on 1897, 16.

Jaw-measurements (sex-sign), W. T. Greene, 1902, 78.

Erythrism (Letter), Finn. 1910, 106.

. . . THE BREEDING OF THE GREY P. IN ENGLAND (one reared),
from the *Zoologist*, 1845, 1917, 55.

RECORD OF THE TAIL-FEATHERS OF A GREY P. Knobel, 1922, 66.

Senegal Parrot

Recommended as a pet, 1897, 13, 36 ; and cf. Ideal Parrot, *part i*.
The Senegal P. with red under parts, 1920, 149.

A Meyer's Parrot, 1913, 304.

Jardine's Parrot, *1903, 39.

Aubry's Parrot, *One nineteen years at the Zoo, 1930, 215.

THE BROWN-NECKED PARROT, *Poicephalus fuscicollis*, EH. 1910,
107, plain plate ; EH. 1917, 24 ; 1926, 171.

MY BROWN-NECKED PARROT, HDA. 1915, 110.

(208)

HANGING PARRAKEETS, Tavis. and Delac. 1927, 20 (AVIC.).

THE BLUE-CROWNED HANGING PARRAKEET, *Loriculus galgulus*,
M-W. 1917, 269 ; on PLATE, 1928, 74.

THE GOLDEN-BACKED HANGING PARRAKEET, *L. chrysonotus*, SOME
NOTES ON THE . . . Tavis. 1929, 8.

Worcester's Hanging Parrakeets

A new arrival (from Samoa), Tavis. 1930, 49, 163 ; At the C.P.
1930, 70.

(209)

Racket-tailed Parrots

NOTES ON THE RACKET-TAILED PARROT, Harper, 1902, 262 ;
Blaauw, 277 ; THE RACKET-TAILED P. SS. 1903, 345, PLATE *408 ;
Astley has another, 1908, 188 ; 1910, 180 ; At Zoo, 1930, 129.

Philippine Racket-tail, *P. discurus*. At Zoo, "new," 1904, 202.

(210)

Blue-rumped Parrot, *Psittinus incertus*

At C.P. 1912, 138, plain plate, "probably the first ever imported,"
SS.

(211)

"*Palaeornis*"

Palaeornes, Tavis. and Delac. 1927, 13 (AVIC.).

A Trio of Lutinos, Ezra, 1927, 43, *209.

Alexandrine Parrakeet

The Ideal Parrot, 1898, 152, 182, 198 ; Regularity in moulting
. . . 1919, 229 ; Incubation period . . . twenty-eight days, 1929, 151.

Ezra's BLUE ALEXANDRINE, Ezra, 1926, 289, PLATE, *343 ; Reared
young, but they were green, 1929, 165.

Ring-necked Parrakeet

BREEDING OF THE . . . Porter (reared), 1902, 46 ; *Ringnecks at
large in Hampshire, 1904, 107 ; Verses, Finn, 1928, 47.

DEATH OF A FAMOUS RING-NECKED PARRAKEET, Ezra, 1929, 58,
photos.

Parrakeets

(212)

Great-billed Parrakeet, *P. magnirostris*

Bred, Boughton-Leigh, 1906, 336 ; Medal, 364.

Tytler's Parrakeet, Zoo, 1904, 12.

Layard's Parrakeet, *P. calthropae*

At C.P. 1922, 23, "the first ever exhibited" ; LAYARD'S P., SS. 1927, 177.

Derbyan Parrakeet

LORD DERBY'S PARRAKEET, SS. 1899, 144 ; "A pair have arrived at the Zoo . . . Lord Derby's bird, the only other arrival known" ; SOME NOTES ON A RARE RINGNECK (*derbyana*), Silver, 1925, 33 ; THE DERBYAN PARRAKEET, 1926, 145, PLATE, *285 ; Eustace, 1927, 346, *248 ; NOTES (Hampe), 1930, 142.

At C.P. 1926, 57 ; eight have arrived, 1929, 153.

Malabar Parrakeet, *P. peristerodes*

NESTING OF THE . . . L-K. (failure), 1916, 267.

BREEDING OF THE . . . Tavis. (four reared), 1927, 301.

Plum-headed Parrakeet

Letter, 1898, 119 ; the two *species*, 1903, 187.

Malacca Parrakeet, *P. longicauda*, C.P. 1896, 73.

(213)

Alexandra Parrakeet

Fulljames has a pair, 1898, 146 ; THE PRINCESS OF WALES' PARRAKEET, Fullj. 1899, 168, PLATE ; HDA. 1905, 248 ; QUEEN ALEXANDRA'S PARRAKEET, 1907, 46, photo ; One young one dead in the nest, HDA. 1911, 341 ; Description of the nestling, Bonhote, 343 ; Another failure, HDA. 1912, 37..

BREEDING OF . . . HDA. (two reared), 1912, 243, 288 ; "five young have left the nest," HDA. 1918, 272 ; "three reared this year," HDA. 1921, 159.

One dies 16 years old, 1930, 168.

Hybrids

Barraband \times Alexandra, bred, but died, HDA. 1919, 212 ; HYBRID : BARRABAND \times ALEXANDRA, bred by Astley, 1924, 235, PLATE (N.B. 1923, 82, "Alexandra \times Barraband reared," *probably an error for "vice-versa"*).

Alexandra \times Crimsonwing

THE BREEDING OF . . . Tavis. (one reared), 1925, 231 ; 1926, 336.

(214)

The *genus* *Polytelis*, RP. 1895, 120.

BARRABAND'S PARRAKEET, Cresswell, 1895, 101 ; Treatment, SS. 1897, 209 ; THE BREEDING OF . . . Farrar, 1900, 217, Medal, 1901, x ; NOTES ON BARRABAND'S PARRAKEET, Tavis. 1919, 69.

Hybrids, *see* Alexandra Parrakeet (213).

Black-tailed Parrakeet, *P. melanura* ("Rock Peplar")

BREEDING OF THE ROCK PEBBLER PARRAKEET, Mrs. J. 1904, 66 ;
 ROCK PEPLER PARRAKEETS, Miss Weddell, 1912, 265, PLATE ; THREE
 RARE PARRAKEETS . . . Tavis. (*includes this*), 1925, 142 ; THE
 REARING BY HAND OF YOUNG ROCK PEPLARS, Lady Grey, 1927, 235 ;
 1928, 164 ; ROCK PEPLARS AT LIBERTY, Lady Grey, 1927, 316.

The flight of the Black-tailed Parrakeet, 1922, 25.

(215)

Eclecti

ECLECTUS AND OTHER PARROTS . . . Tavis. and Delac. 1927, 10,
 (AVIC.).

SUCCESSFUL BREEDING OF THE GRAND ECLECTUS, Miss Drummond
 (two reared), 1913, 49 ; Medal, 1914, 178.

"Westermann's Eclectus," 1900, 33. *Error, they are "Orange-*
shouldered Parrakeets," 60.

Tanygnathus

T. everetti, first arrival ; shown at C.P. 1904, 69 ; Zoo, 203.

T. lucionensis, Tavis. has one, "new," 1927, 308.

Geoffroyus

D. Ezra has one in Calcutta, 1905, 319.

G. cyanicollis, brought by Mayer, 1927, 307 ; at Zoo, 1930, 129.

(216)

King Parrakeets

The *genus Aprosmictus*. Which have been imported ?, 1906, 155.

THE BREEDING OF KING PARRAKEETS, Salter ("one young bird
 five weeks old"), 1906, 27 ; Amsler (three reared), 1921, 163.

SOME EXPERIENCES OF KING PARRAKEETS, Tavis. 1913, 292.

THE BREEDING OF A HYBRID CRIMSON-WINGED AND SULA ISLAND
 KING PARRAKEET, Tavis. 1927, 259, 1928, 250.

(217)

Crimsonwing Parrakeets

*Crimsonwings : "often bred," 1897, 98 ; *A sick Crimsonwing,
 1901, 125.

Hybrids

THE BREEDING OF HYBRID ALEXANDRA PARRAKEETS AND CRIMSON-
 WINGS . . . Tavis. 1925, 231 (one reared).

With the female Sula I, King, *see above* (216).

(218)

Red-capped Parrakeet, *Porphyrocephalus spurrius*

At C.P. 1895, 54.

NESTING OF THE RED-CAPPED (or Pileated) PARRAKEETS, HDA.
 (young about five weeks old, July), 1909, 291. Medal, 1911, 162 ;
 another success, Fasey, 1909, 307, 364.

THE RED-CAPPED PARROT, HDA. 1911, 285, PLATE.

Parrakeets

(219)

Pyrrhulopsis

THE MASKED PARRAKEET, *P. personata*, Smith, 1900, 245 ; "GEORGIE," A MASKED PARRAKEET, Tavis. 1920, 119 ; NOTES ON THE MASKED P., Tavis. 1928, 35.

P. splendens, etc., Bahr, 1912, 55, *71 ; Fulljames has a Red Shining Parrakeet, 1898, 145 ; Red-shining and Tabuan Parrakeets, Alderson, 1917, 148.

Tabuan Parrakeet, *P. tabuensis*. C.P. 1898, 91 ; Zoo, 1911, 268.
Taviuni Parrakeet. Zoo, "new," 1911, 268.

(220)

Cyanorhamphus

THE NEW ZEALAND PARRAKEET, *C. novae-zealandiae*, Savage, "easily bred," 1898, 161.

THE GOLDEN-CROWNED PARRAKEET . . . *C. auriceps*, Bouskill, 1898, 45 ; NESTING . . . (two reared), 77, *135 ; Medal, 1899, xi, 1900, xi.

LPOS. Show, 1898, 36.

Antipodes I. Parrakeet, *C. unicolor*

Fulljames has two, 1898, 145 ; 1899, 15.

Norfolk Island Parrakeet, *C. cooki*. NOTE ON THE . . . Tavis. 1925, 300.

Broadtails, *Platycercinae*

(221)

A FEW NOTES ON BREEDING SOME AUSTRALIAN PARRAKEETS, Sergeant, 1896, 97 ; *. . . sexing Broadtails, L-K. 1914, 42 ; AUSTRALIAN PARRAKEETS, Tavis. and Delac. 1927, 43, 75 (AVIC.) ; SOME AUSTRALIAN PARRAKEETS, Tavis. 1928, 203, PLATE.

Hybrids

*Hybrid Parrakeets . . . at the Zoo, 1903, 145.

THE "RED-MANTLED PARRAKEET," *P. erythrocephalus*, SS. "is a hybrid : = Pennant \times Rosella," 1906, 132 (*1903, 336).

A PARRAKEET HYBRID, Fasey (Pennant \times Yellow-naped), 1905, 333.

Hybrid Adelaide \times Pennant bred, Waud, 1925, 293.

Hybrid *P. eximius* \times *Psephotus haematonotus*, two at Zoo, 1904, 145.

Hybrid *P. semitorquatus* \times *barnardi*, two at Zoo, 1904, 223.

A HYBRID STANLEY PARRAKEET, HDA. (= "Splendid Rosella" \times Stanley, 1909, 293.

Hybrid Alexandra \times Barraband reared, HDA. 1923, 82 (? = vice-versa, EH.).

(222)

Pennant's Parrakeet

THE NESTING OF THE PENNANT, Farrar (young reared), 1899, 176 ; *Pennants reared again, Farrar, 1902, 11/16.

THE SEX OF PENNANTS, Farrar, 1898, 107, *132 ; Letters ("some suppressed"), 1899, 188 ; 1900, 14, 34.

*Treatment, 1900, 160.

*Pennant with abnormal plumage, 1902, 176, 204.

*The colour of young Pennants, 1906, 157; *Variation in young Pennants, Tavis. 1928, 280.

*The homing instinct in Pennants . . . 1904, 81.

PENNANTS . . . AT LIBERTY, Tavis. 1916, 52.

Adelaide Parrakeet

NESTING OF THE . . . Fasey (four reared), 1907, 342; ADELAIDE PARRAKEETS, Tavis. 1914, 72.

Rosella

*One paired with a hen Cockatiel; young hatched and lived fourteen days, Arthur, 1897, 60.

RED ROSELLAS AT LIBERTY, Tavis. 1919, 332.

Mealy Rosella

SOME EXPERIENCES WITH MEALY ROSELLAS, Tavis. 1915, 71.

(223)

Stanley Parrakeet

*Breeding of the . . . HDA. ("one young bird a month old"), 1908, 294; Fasey ("young just ready to leave the nest"), 1908, 294; THE BREEDING OF THE . . . Best (two reared), 1928, 158.

*The sex of Stanley Parrakeets, 1909, 223, 248, 276.

Brown's Parrakeet

C.P. 1900, 31; Zoo, 83; ACCOUNT, SS. 1902, 311, PLATE; "A rare arrival," 1904, 57.

THE BREEDING OF . . . Tavis. (young reared), 1928, 234; Letters, 1930, 59, 83.

Yellow-rumped Parrakeet, *P. flaveolus*

NESTING OF THE . . . Fasey (young reared), 1904, 353; THE BREEDING OF THE . . . Tavis. (one reared), 1926, 279.

Yellow-bellied Parrakeet, *P. flaviventris*

THREE RARE PARRAKEETS . . . Tavis. (includes this), 1925, 145.

(224)

Barnard's Parrakeet

ON THE BREEDING OF . . . Mrs. J. (two reared), 1902, 249, 272; Medal, 305.

A NEW RACE OF . . . Tavis. (*cromelinae*), 1927, 145, PLATE.

(225)

Redrump

Breeding Redrumps in a cage, Savage, 1896, 139; BREEDING REDRUMPS, Savage, 1899, 28; HOW NOT TO BREED REDRUMPS, Brampton, 1903, 204; *Prolific Redrumps, 1903, 341.

NOTES ON *Psephotus haematonotus*, THE RED-RUMPED GRASS-PARRAKEET, Ashby (wild life), 1922, 131.

*Redrumps at large, 1923, 72, 81.

Parrakeets

Grass-parrakeets

(226)

Bluebonnets

Breeding of the Red-vented Bluebonnet, Parker (two reared), 1911, 269; Medal, 367.

THE NARETHA PARRAKEET, a new Bluebonnet, SS. 1922, 11.

THREATENED EXTERMINATION OF GRASS-PARRAKEETS, Tavis. 1924, 64, *145.

(227)

Golden-shouldered and Hooded Parrakeets

THE GOLDEN-SHOULDERED PARRAKEET (*P. chrysopterygius*), RP. 1898, 152, PLATE; 1899, 157; SS. 1923, 35.

At the C.P. 1900, 31; *Note on the . . . 1903, 30.

? *chrysopterygius* or *cucullatus*, HDA. 1910, 165, 178; SS. 197, 223; "Mrs. Johnstone's *chrysopterygius* of 1902 has been proved to be *cucullatus*, the Hooded Parrakeet," 1911, 50.

HOODED AND GOLDEN-SHOULDERED PARRAKEETS, HDA. 1913, 109, PLATE.

THE HOODED PARRAKEET, *Psephotus dissimilis* (Collett), Mathews ("cucullatus gives place to *dissimilis*"), 1913, 151; *Concerning Hooded Parrakeets, 1926, 256, 287.

Nesting of Hooded Parrakeets, HDA. (eggs only), 1912, 122; Blaauw (young not reared), 1913, 65; BREEDING OF THE . . . HDA. (young reared), 1913, 73, 286; Medal, 1914, 178.

SOMETHING ABOUT HOODED PARRAKEETS AND OTHER BIRDS OF THE NORTHERN TERRITORY, Heumann, 1914, 133.

The Golden-shouldered Parrakeet, the "Ant-hill Parrakeet" (wild life), 1930, 28.

(228)

Many-coloured Parrakeet

THE MANY-COLOURED PARRAKEET, Simpson, 1895, 25.

THE BREEDING OF THE . . . Farrar (one reared), 1902, 212, Certificate . . . 241, Medal, 275; Tavis. (one reared), 1925, 272; Other records of breeding; Savage, 1897, 198; *1902, 268; *1903, 342; *1904, 304.

NOTE ON THE BEAK OF A NESTLING *Psephotus multicolor*. Pycraft, 1907, 270.

(229)

Bourke's Grass-parrakeet

BOURKE'S PARRAKEET AND OTHER RARE AUSTRALIAN BIRDS, HDA. 1905, 203; BOURKE'S PARRAKEET, HDA. 1905, 239, PLATE.

NESTING OF . . . Fasey (young reared), 1906, 276; Medal, 342.

The Turquoise, on PLATE 1928, 203

THE BREEDING OF THE . . . Tavis. 1929, 213; Breeding . . . in Australia, Harvey, 1930, 31.

A TAME TURQUOISE, Blisset, 1930, 188.

Elegant Grass-parrakeet. Breeding in Australia, Harvey, 1930, 31.

Blue-winged Grass-parakeet, *N. venusta*

Some came in the Prince of Wales' collection about 1907 as "Rock Grass-parakeets," 1909, 257.

NESTING OF THE . . . Fasey (one reared), 1909, 257, Medal, 1911, 162; BREEDING BLUE-WINGED GRASS-PARRAKEETS IN SPITE OF "X" Tavis. 1926, 47.

THREE RARE GRASS-PARRAKEETS . . . Tavis. (*includes this*), 1925, 142.

Rock Grass-parakeets

C.P. 1909, 168 (*see under "Blue-winged" above*).

*The Rock Grass-parakeet, *N. petrophila*, on Rottneest I., West Australia, 1905, 212.

(230)

Budgerigars

Letters, Arthur, 1896, 140, Pool, 190.

NOTES ON BREEDING BUDGERIGARS, Brampton, 1902, 26; *Size and colour in aviary-bred Bs. 1906, 213; BUDGERIGAR BREEDING, AGB. 1919, 242; BUDGERIGAR-BREEDING IN TOULOUSE, Bailly-Maitre, 1925, 233, PLATE; THE BUDGERIGAR AND ITS COLOUR VARIETIES, SS. 1927, 206, PLATE, *251; ON COLOUR-BREEDING IN BUDGERIGARS, Amsler, 1927, 327, and *letters, etc.*, 23, 52, 116, 251, 281, 327; GENERAL MANAGEMENT OF THE B. . . Weston, 1928, 145, PLATE; ABNORMALLY-COLOURED BUDGERIGARS, Weston, 1928, 183; *Original colour of the B. Marsden, 1929, 304, 329; Origin of colour-varieties in Budgerigars, *Letters*, 1930, 56, 85, 109, 135, 166.

MENDELIAN INHERITANCE (?) IN BUDGERIGARS, Bradshaw, 1928, 110; INHERITANCE OF COLOUR IN . . . Bradshaw, 1929, 67, *98, 127.

THE YELLOW BUDGERIGAR, Farrar, 1905, 35.

BLUE BUDGERIGARS, Marsden, 1918, 262.

*Early suggestion about Blue Bs. 1900, 88.

*Pauwvels has presented one of his celebrated Blue Bs. to the Zoo, 1911, 129; *four more at the Zoo, 1913, 89.

*Breeding of the Blue B. in England, Pelham Sutton, Dec. 1912, 126; Blue Budgerigars bred, Hebb, 1920, 129.

*Blue Budgies: Price three times what it was, 1926, 226; four times their normal value, 1927, 86; *Colour Budgerigar prices have gone down, 1929, 266; *The Jap. Budgerigar Boom, 1927-28, 1929, 285.

*A white Budgerigar bred, HDA. 1920, 197; 1921, 61; *Two white Bs. reared, 1927, 201.

*Another variety of the B., the "Greywing," 1929, 332.

BUDGERIGARS AT LIBERTY, Tavis. 1926, 11.

*Edwards in California now has 1,500 pairs of Budgerigars for breeding, 1927, 197.

The new Budgerigar Club, 1925, 112; *The first number of the BUDGERIGAR BULLETIN received, 1927, 197.

*A Budgerigar's prolonged fast, 1896, 32.

French moult in wild Parrakeets in Australia, 1907, 256; FRENCH MOULT IN BUDGERIGARS, Amsler, 1928, 38.

Swift Parrakeet

(231)

Swift Parrakeet

One arrived but died in 3 weeks, SS. 1906, 343 ; Zoo, 1921, 182.

THE KEEPING OF . . . SWIFT PARRAKEETS, Hamilton (Adelaide), 1928, 160.

THE GENUS *Nymphicus*, AGB, 1910, 62.

The **Uvaean Parrakeet**, *Letters*, 1897, 130 ; two at the Zoo, 1900, 33 ; Photo, 1919, 173.

(232)

Owl Parrot

THE KAKAPO OR OWL PARROT, SS. (one has arrived at the Zoo), 1907, 234 ; A Kakapo purchased by the Zoo, 1911, 267 ; THE OWL PARROT, Renshaw, 1916, 183, photo, *238.

(233)

Birds of Prey

Birds of Prey in captivity : Treatment, *Letters*, M-W. 1910, 340 ; Bonhote, 341 ; HAWKS AND OWLS, Bonhote, 1911, 275 (PRACT. BIRD-KEEPING) ; THE BIRDS OF PREY, G. H. Gurney, 1927, 162, 177, Photos (AVIC.).

. . . DURATION OF LIFE . . . Flower, 1924, 32.

MY PET VULTURE, *N. monachus*, Low, 1918, 47, photos.

SOME INDIAN VULTURES, Sherman, 1918, 49.

VULTURES IN AFRICA, Renshaw, 1918, 52.

VULTURES, Percival, 1919, 101.

Two **Lammergeyers** acquired by the Zoo, 1912, 199.

FORSTER'S MILVAGO, Welch, 1920, 41.

Hen Harrier. NESTING . . . IN NORTH SCOTLAND, Jones, 1918, 205.

Buzzards

BREEDING OF THE JACKAL BUZZARD, G. H. Gurney (*1906, 360), 1907, 57, 110, 190 (Medal) ; again, 254 ; SOME PRE-WAR VETERANS, G. H. Gurney, 1919, 222, "Jackal Buzzards . . . here fifteen years . . . ; have nest every year, but only reared once (1906)" ; *A hen Jackal B. dies after seventeen years in captivity, 1922, 13.

*The Honey Buzzard in captivity, 1906, 208.

(234)

Eagles

THE WAYS OF EAGLES (wild), Pocock, 1922, 93, *142 ; SCENES IN THE LIFE OF TWO EAGLES, Welch, 1925, 70.

*Chains for Eagles, etc. "FZS", 1910, 256.

BATELEUR EAGLES, Welch, 1921, 147.

Harpy Eagle

One has lived eighteen years in the Washington Zoo and is still flourishing, 1920, 45.

Monkey-Eagle, *Pithecopphaga jefferyi*, Zoo, 1909, 358.

Serpent-eagles

SOME NOTES ON TAME . . . Stuart Baker, 1914, 154.

Steppe Eagle, *A. nipalensis*

*One dies after forty-one years in captivity, 1928, 22.

(235)

THE HOBBY, RP. 1913, 268.

ERLANGER'S FALCONS, Welch, 1922, 24, *32.

Kestrels, bred, St. Q. 1896, 77.

Falconets

NOTES ON THE WHITE-LEGGED FALCONET, *M. melanoleucus*, Stuart Baker, 1914, 93.

THE MALAY FALCONET, *M. fringillarius*, Squire, 1928, 58.

Kites, etc.

THE SQUARE-TAILED KITE, *L. isura*, Bonhote, 1906, 195, photos.

THE STORY OF A BLACK KITE, Chawner, 1917, 297.

THE OSPREY, Bonhote, 1903, 260.

THE SECRETARY BIRD, Renshaw, 1917, 334, photo.

SOME NOTES ON THE . . . *Part i*, Horsbrugh, 1912, 105, photo ; *Part ii*, St. Q. 109.

Owls

(236)

OWLS AS PETS, Williamson, 1895, 94 ; PET OWLS, Currey, 1912, 113.

OWLS, M-W, 1901, 111 ; HAWKS AND OWLS, Bonhote, 1911, 275, (PRACT. BIRD-KEEPING) ; IN PRAISE OF OWLS, Chawner, 1913, 162, photos ; OWLS, Chawner, 1927, 117, photos ; THE OWLS AT WARGRAVE, Knobel, 1927, 325.

OWLS NEST AND THEIR CONTENTS, J. H. Gurney, 1918, 225.

THE CRY OF OWLS, Banks, 1920, 39, *57 ; Trevor-Battye, 77 ; M-W. 100 ; Voices of some Owls and . . . Colouration, Welch, 1921, 154 ; M-W. 177.

SONG OF OWLS, Finn, *Verses*, 1929, 130.

*A rare Brazilian Owl, probably *stygius*, 1921, 175.

Aru Boobook Owl, *Spiloglaux aruensis*. Brought by Frost, 1930, 308.

Bouvier's Owl, Zoo, 1911, 240.

THE BURROWING OWL, SS. 1902, 193, photo ; "was bred by Phillips, see *A. M. n.s. i*, 388, and *ii*, 39" 1914, 34n.

Eagle-owls

*An Eagle-owl lived to 70 with Meade-Waldo, St. Q. 1916, 134.

Virginian Eagle-owl

*Nesting of the . . . ("sitting"), 1928, 97 ; BREEDING THE . . . Chawner (reared), 1928, 195, *251 ; *The Owls bred at Arundel in the fifties were Virginians, 1929, 262.

Owls

Spotted Eagle-owl, *B. maculosis*

THE BREEDING OF THE . . . Bonhote (success), 1902, 40, photos, Medal, 53.

Fraser's Eagle-owl

THE NESTING OF . . . "A mateless hen lays eggs," Chawner, 1920, 96.

Laughing Owl, **Sceloglaux albifacies* of New Zealand, 1904, 331.

Little Owl, *Uppingham, May, 1903, 281.

Long-eared Owl

NESTING . . . ON THE GROUND AT HICKLING, J. H. Gurney, 1918, 209.

Short-eared Owl. *They bred in Hampshire this year, 1905, 42.

(237)

Pigmy Owls

THE EUROPEAN SPARROW-OWL, M-W, 1921, 65, *123.

Jardine's Pigmy Owl, *Glaucidium jardinii*

NESTING OF . . . Chawner (two reared), 1915, 244, 293.

THE PEARL-SPOTTED OWL, *G. perlatum*, Woosnam, 1910, 347 ; MY PIGMY OWL (*perlatum*), Tavis. 1921, 50 ; THE PEARL-SPOTTED OWLET, Tavis. 1926, 41.

*A Mexican Pigmy Owl dies after years in captivity, 1920, 52.

Scops Owls

NESTING OF THE SCOPS OWL (*giu*), M-W (three reared), 1899, 159.

NESTING OF THE WHITE-EARED SCOPS OWL, Chawner (one reared), 1923, 201.

ERLANGER'S SCOPS OWL, Woosnam, 1910, 328, photo.

THE SPECTACLED OWL, Chawner, 1917, 97, photo.

Snowy Owls

Breeding experiences, St. Q. (reared), 1898, 198 ; 1899, 72.

DEATH OF A TAME SNOWY OWL, ($24\frac{1}{2}$ years), St. Q. 1916, 134.

THE MIGRATION OF SNOWY OWLS, 1926-27, SS. 1928, 11.

*Change of plumage in . . . 1929, 18.

Wood-owls

OUR TAWNY OWLS, Alderson, 1900, 3 ; WOOD OWLS, Currey, 1912, 271.

(238)

SEA BIRDS, Delac. 1929, 11, photos. (AVIC.).

DIVING BIRDS, Delac. 1929, 13 (AVIC.).

Skuas. Williamson, 1895, 7.

Antarctic Skuas. Two at the Zoo, 1904, 251.

Gulls

Franklin's Gull. Zoo, first arrival, 1897, 53.

Herring Gulls. Hybrids, *argentatus* \times *cachinnans* have been bred at the Zoo for several years, 1900, 185, 205.

Petrels

- THE FULMAR . . . Jones, 1919, 2.
 THE MUTTON BIRD OF AUSTRALIA, 1902, 198.
Shearwaters. *Short lives in confinement, 1925, 151.
 . . . STORM PETREL, HDA. 1897, 41; NOTES ON A STORM PETREL
 IN CAPTIVITY (*lived ten days*), Ticehurst, 1912, 111.
Sheathbills, *Chionis*, Renshaw, 1917, 110.
 STEAMER DUCKS AND SHEATHBILLS AT THE ZOO, SS. 1927, 245.
 *Method of feeding in the Sheathbill, Finn, 1928, 98.
Auks. Delac. 1929, 14 (AVIC.).
 THE LITTLE AUK IN SPITZBERGEN, C. Ingram, 1905, 356.
 PUFFINS ON THE SALTEE ISLANDS, off S. Ireland, Low, 1919, 241.
Penguins, Delac. 1929, 14 (AVIC.).
King Penguin, One at the Zoo, 1900, 13.
Black-footed Penguin, "Have been reared at the Zoo," 1911, 102;
 THE JACKASS OR BLACK-FOOTED PENGUIN, Crandall, 1918, 142, photo.
 THE PENGUINS OF MACQUARIE I., New Zealand (now protected),
 1920, 86.

(239)

Waders

- WADERS IN CAPTIVITY, St. Q. 1903, 202; WADERS, B.S. 1912, 260
 (PRACT. BIRD-KEEPING); DESIRABLE WADERS AND WATER BIRDS,
 B.S. 1914, 222; A FEW NOTES ON WADING BIRDS, Sich, 1914, 313;
 THE SMALL WADERS, Delac. and S.B. 1928, 268, photos. (AVIC.).
 *Treatment, management, etc. 1906, 359; 1907, 107; 1911, 140;
 1912, 191.
 NOTES ON WADERS SEEN IN THE SCILLIES, Miss Dorrien-Smith,
 1916, 127, photos.
Knot. *On the breeding of Knots, 1912, 199, *230.
Turnstone. THE TURNING OF THE . . . B.S. 1910, 58.
 THE OYSTERCATCHER, Willford, 1914, 45, photos.

Avocet

- THE NESTING OF THE AVOCETS AT THE ZOO, Pocock ("hatched
 about June 12, one alive June 23, feeding itself"), 1907, 258.
Redshank. *Hatched at the Zoo, 1907, 274.
Sandpiper. THE REARING OF THE . . . Farrar, 1904, 321.

(240)

Ruff

- Food, etc., Letters, 1897, 19, 39.
 THE RUFF, Rothera, 1900, 54; Porter, 1903, 141; REEVE, BREED-
 ING IN CAPTIVITY, St. Q. (young reared), 1903, 400; Medal, 1904, 20.
 *Ruffs displaying in an aviary, 1924, 172, photos.
Black-tailed Godwit, *1901, 160.

Snipe

- A HAND-REARED SNIPE, Wormald, 1909, 141, photos; . . . SNIPE
 IN CAPTIVITY, Rattigan, 1915, 139, 196.
 *Drumming of Snipe, 1928, 123.

Curlew

Curlew

The adventures of a Curlew, 1906, 111.

Ringed Plover

REARING RINGED PLOVERS FROM THE EGG, Percival, 1902, 90 ;
ON THE RINGED PLOVER AS AN AVIARY BIRD, Farmaborouh, 1903, 26.

(241)

Golden Plover

COLOUR CHANGE IN . . . Wormald, 1922, 59.

"Patagonian Plover"

ON PATAGONIAN PLOVERS ("Teru-teru") AND TRUMPETER BIRDS,
Mrs. Gregory, 1915, 199-204.

Cayenne Plover

TRIPLE ALLIANCE, B.S. 1911, 264.

African Wattled Plover, *Lobivanellus lateralis*

Brought by Webb ; Ezra bought them, 1930, 195.

Crowned Lapwing, *Stephanibyx coronatus*

THE BREEDING OF THE . . . (at the Zoo), SS. 1929, 155, photos.

Egyptian Plover, *Pluvianus aegyptius*

Flower, 1908, 139, photos.

Coursers

*Three species now at the Zoo, 1926, 159.

THE DOUBLE-BANDED COURSER, *Rh. bicinctus*, Horsbrugh, 1908,
23, PLATE.

(242)

Phalaropes

Red-necked Phalarope. B.S. 1909, 309, photo ; *. . . in captivity,
Wormald, 1915, 196.

THE SEED-SNIPE, *Thinocorys rumicivorus*, HDA. 1913, 321, Plain
plate ; five at the Zoo, 1914, 47.

Stone-curlews

Australian Thickknee, St.Q. has it, 1911, 61 ; Southern Stone-
curlews, bred in Australia, 1925, 50, photo ; *The Australian Stone-
curlew bred by Whitley, 1929, 264, photo.

(243)

BUSTARDS, Delac. 1928, 238, photos (AVIC.).

THE GREAT BUSTARD, St. Q. 1897, 61 ; 1904, 188 ; Trevor-Battye,
1913, 261 ; SOME GREAT BUSTARDS, T-B. 1909, 184, photo ; 1911,
337.

*One 28½ years old, St. Q. 1926, 125.

Little Bustard

Notes on the . . . St. Q. 1911, 57 ; BREEDING OF THE . . . IN
1915, St. Q. (two reared), 1917, 30.

Gom Paauw, *Otis kori*. Zoo, 1911, 44, photo.

Eupodotis caffra. Zoo, 1903, 111.

THE BLUE KNORHAAN, *O. caerules*. Horsbrugh, 1907, 139, photo.

Senegal Bustard. *Astley has a pair, 1914, 147.

Macqueen's Bustard. *One shot, 1897, 35.

(244)

Cranes

CRANES IN CAPTIVITY, HDA. 1901, 65 ; 1915, 52 ; THE CRANES, HDA. 1907, 347 ; Delac. 1928, 216, photos. (AVIC.) ; CRANES AT WOBURN, D. Bedf. 1908, 26, 305 ; Nesting results (Woburn), 1910, 36, 1920, 167 ; NOTES ON THE CRANES AT LILFORD, Cosgrave, 1911, 147 ; THE CRANES, Cosgrave, 1912, 345, photos ; OUR CRANES, Alderson, 1913, 115.

SOME GARDEN PETS, Mrs. Gregory (Cranes), 1906, 263.

THE INTELLIGENCE OF CRANES, St. Q. 1907, 98.

*Incubation period of Cranes, St. Q. 1921, 160.

WINTERING CRANES IN NEW ENGLAND, J. L. Phillips, 1912, 222, and latter, 288.

Hooded Crane, *Gruss monachus*, Zoo, 1911, 268.

Whooping Crane. *Photo, 1912, 312.

Sandhill Crane

*Two civilised Sandhill Cranes, 1916, 97.

Canadian Crane

BREEDING OF A CANADIAN × WATTLED CRANE HYBRID, Cosgrave, 1912, 23, photo.

White-necked Crane, *G. leucauchen*, photo, 1911, 147.

WHITE-NECKED CRANES, Blaauw, 1913, 221.

Manchurian Crane

Dance : photo, 1913, 330.

THE MANCHURIAN CRANE, St. Q. 1920, 3, 188, photo (young reared).

Great White Crane

THE ASIATIC WHITE CRANES (*leucogeranus*), St. Q. 1921, 33, photo.

Australian Crane

. . . NESTING IN ENGLAND, HDA. (egg), 1902, 1 ; BREEDING OF THE . . . HDA. (reared), 1924, 251.

Sarus Cranes

THE SARUS . . . B.S. 1908, 243, photo.

Bred at Woburn, 1910, 36 ; Medal, 1911, 162 ; THE SARUS CRANE AT TRING, Rothschild (Bred : "the only previous record I could find—the Moghul Emperor Jehangir, 1605–27"), 1930, 89 ; "No" 140.

Wattled Crane. *Photo 1911, 147 ; Hybrid see Canadian Crane above.

Crowned Cranes

THE CROWNED CRANES (*pavonina*), Mrs. Gregory, 1903, 159, 195. PLATES ; CROWNED CRANES . . . Portal, 1914, 233, photos ; THE CROWNED CRANES AT LOGAN, Portal, 1915, 52/61.

*An escaped Crowned Crane, 1902, 172.

Cranes

THE SOUDAN CROWNED CRANE, *B. pavonina ceciliae*

NOTES ON THE EGGS OF . . . Nicoll, 1915, 69.

Demoiselle Cranes, Lascelles, 1901, 89, *144.

ON THE BREEDING . . . IN CAPTIVITY, St. Q. (young reared), 1903, 390 ; *" They were also bred as long ago as 1874," 1904, 58.

Stanley Cranes

A STANLEY CRANE, Mrs. Gregory, 1909, 83, photo (*N.B.—The lady's dress dates the picture*), Hardihood, 1922, 26.

CROWNED AND STANLEY CRANES, Portal, 1914, 233, photos.

(245)

Heron

. . . HERONS . . . Bonhote, 1896, 1 ; Finn, 1902, 115 ; 1919, 85.

EGRETS, Finn. 1902, 117 ; Porter, 1928, 68.

CURIOUS ATTITUDES OF EGRETS, Finn, 1919, 46.

EGRET PLUMES AND THE LADIES, Finn, 1902, 115. *See also part i, under Trade.*

British Birds, REPORT ON HERONRIES reviewed, 1929, 167.

Lesser Egret

THE LESSER EGRET AS A PET, HDA. 1896, 17 ; THE LESSER EGRET, *A. garzetta*, HDA. 1913, 238 ; MY EGRETS, HDA. 1917, 323, photos.

Cattle Egrets

THE BUFF-BACKED HERONS, Bonhote, 1920, 138.

*Cattle Egrets at liberty, 1930, 129, 248. (*An "Osprey" shot at Cobham, "mistaken for a heron," so presumably an Egret, 1900, 88). *Ezra lost two of his in the same way in 1930.—EH.*)

Night-Heron

SOME REMARKS ON THE . . . Welch, 1922, 92.

Boathill Herons

NOTES ON NORTHERN BOATBILLS (*zeledoni*), Welch, 1924, 163.

Bitterns

BREEDING OF THE BITTERN IN NORFOLK, J. H. Gurney, 1918, 56.

MORE ABOUT BITTERNS AND SPOONBILLS, Gurney, 1919, 5.

THE AMERICAN BITTERN IN CAPTIVITY, Miss Dorrien-Smith, 1916, 88, photo, 1918, 58 (*see A.M. Jan. 1916*).

THE SUN-BITTERN, SS. 1914, 121, plain plate (*Avic. see KAGU*).

(246)

THE KAGU

THE KAGU IN CAPTIVITY, 1905, 280 ; THE KAGU, photos, 1907, 257 ; T.H.N. 1908, 119 ; SS. 1922, 74 ; . . . SUN-BITTERNS . . . AND KAGUS, Delac. 1928, 181 (*AVIC.*).

A LITTLE KNOWN POSE OF THE KAGU, Denman, 1910, 51, photo.

*The voice of the Kagu, 1920, 182 ; Remarks . . . about Kagus,

Welch, 1921, 156 ; Astley has two, 183 ; *Is nearing extinction, 1930, 247, 249.

BREEDING OF MY KAGUS, ALL BUT . . . *By an old Australian Bird-lover*, 1919, 239 ; *Bred by Heumann in Sydney, 1921, 28, 41.

(247)

Storks

American Jabiru

A recent arrival at the Zoo, 1920, 114, photo.

Whale-headed Stork, *Balaeniceps rex*

*Giza Zoo, "two were at the London Zoo in 1869," 1903, 241 ; *three still thriving at Giza, 1904, 138.

THE SHOEBILL, Flower, 1908, 191, 294, photo ; One has arrived at the Zoo (last 1860), 1912, 285 ; the Zoo has received three, 1926, 225.

Indian Wood-stork, *Pseudotantalus leucocephalus*

COLOUR DEVELOPMENT IN THE . . . Jennison, 1919, 140.

Hammerhead, *Scopus umbretta*

Photos, 1910, 335 ; "bred last year at the Zoo and there is hope of success again this," 1911, 212.

(248)

Spoonbills and Ibises

SPONBILLS, J. H. Gurney, 1918, 65, photo ; . . . BITTERNS AND SPOONBILLS, J. H. G., 1919, 5.

Sacred Ibis

NOTES ON THE . . . Nicoll, 1906, 275, photo.

Black-faced Ibis, *Theristicus melanops*

SOME NOTES ON THE . . . Blaauw, 1917, 146.

King Ibis. *Photo, 1908, 44.

THE MATING OF TWO SPECIES OF IBIS, *Male Black-headed White Ibis and female Straw-necked* ; young hatched, HDA. 1913, 290.

(249)

THE RAILS, Delac. and S.B. 1928, 283 (AVIC.).

THE BRITISH RAILS, Farmborough, 1908, 244, 303, *347 ; 1909, 112, 176, 198, 306 ; SOME RAILS AND GALLINULES, S.B. 1918, 21.

Water Rail. *1916, 95.

WATER RAILS CALLING, Trevor-Battye, 1917, 190.

S. African Water-Rails, *R. caerulescens*

Game's, 1927, 26 ; BREEDING OF THE . . . SB. (? reared), 1929, 286, photos.

Clapper Rails. New, Zoo, 1911, 69.

Assumption I. Rails, *Dryolimnas gullris*. Have arrived at the Zoo, 1906, 266.

Abbott's Rail. M-W. 1908, 219, PLATE.

Red-bellied Rail, *Eulabeornis castaneiventris*. Brought by Frost from New Guinea, new to Zoo, 1921, 152.

Rails

Black Rail, *Limnocorax niger*

*Gamage's, 1927, 26; THE BLACK RAIL, G. H. Gurney, 1927, 69; NESTING OF THE . . . Sich ("three reared, now nearly full-grown"), 1930, 270.

Rufous Crane, *Corethrura rufa*. Gamage's have a hen ("new"), 1927, 26.

Andaman Banded Crane (*canningi*), New Zoo, 1904, 275.

Pectoral Rail. SS. 1896, 103.

Weka Rails

. . . BREEDING IN CAPTIVITY (by Blaauw; two reared), SS. 1904, 329.

Ypecaha Rail

NOTES ON THE BREEDING OF THE . . . G. H. Gurney (one reared), 1908, 345.

BRAZILIAN RAILS NESTING, SB. (*Aramides ypecaha* and *cayennensis*), 1926, 305, photos.

Black-tailed Water-hens, *Microtribonyx ventralis*. *Have reared a second brood at the Zoo, 1911, 70.

Moorhens

SEMI-DOMESTICATED MOORHENS, Hett, 1898, 27, *51; A curious habit of the Moorhen (*older feeding a younger*), M-W, 1919, 131.

THE MOORHENS AND COOTS OF INDIA, Dalglish, 1907, 166, 223.

Coots (of India, *see above*).

(250)

. . . COURLANS, Delac. 1928, 181 (AVIC.).

Aramus scolopaceus, Zoo, 1897, 54; *A. giganteus*, Zoo, 1914, 320.

Jacanas

*Pheasant-tailed Jacanas, Zoo, 1902, 95; 1903, 215; ON THE POSITION OF THE JACANAS . . . Finn, 1930, 74.

DIVERS, Delac. 1929, 15 (AVIC.).

GREBES, Delac. 1929, 16 (AVIC.).

NOTES . . . ON . . . GREBES, Finn, 1899, 102; NOTES ON THE INDIAN PODICIPEDIDAE, Dalglish, 1907, 65, *91.

Finfoot. *In captivity, 1905, 57.

HOATZIN¹

RECENT WORK ON THE . . . 1919, 182.

(251)

CARIAMAS, TRUMPETERS . . . AND KAGUS, Delac. 1928, 181 (AVIC.).

A young Brazilian Cariama reared at the Zoo, 1911, 302, 340, photos; BRAZILIAN CARIAMAS (*C. cristata*), Pocock, 1920, 190; Hand-rearing a young Cariama (at the Berlin Zoo), 1925, 171.

¹ NOTE: Webb brought two from Demarara to the Zoo in the summer of 1931; the first living importation anywhere.—E. H.

Screamers

*Crested Screamers hatched at the Zoo, 1904, 301; *Crested Screamers have hatched chicks, but trod them to death, 1913, 313, photo.

NOTES ON SCREAMERS, Welch, 1920, 164.

*Horned Screamer, at the Zoo, the first for forty years, 1927, 308.

Trumpeters (Delac. AVIC., see CARIAMAS above).

THE TRUMPETER, Mrs. Gregory, 1909, 31, photo, *76, 104; ON

. . . TRUMPETER BIRDS, Mrs. G., 1915, 199/204.

THE GREY-WINGED TRUMPETER, *Psophia crepitans*, Stokes, 1923, 1, PLATE.

(252)

Ducks (*Anatidae*)

OUR BRITISH DUCKS, Bonhote, 1896, 160; THE ANATIDAE, SS. 1896, 112; THE SMALLER WATERFOWL (*i.e.* Ducks), (PRACT. BIRD-KEEPING), 1912, 289; DUCKS, Delac. 1928, 1, PLATE of the *Carolina and Mandarin*, and photos.

WATERFOWL AT ST. STEPHEN'S GREEN, DUBLIN, Horsbrugh, 1910, 154; STRAY NOTES ON THE KEEPING OF WATERFOWL, Portal, 1913, 258; THE REARING OF YOUNG DUCKS, Portal, 1913, 305, photos.

DUCKS NESTING AT DEREHAM, Wormald, 1914, 334, photos; NOTES ON THE SEASON'S DUCK-BREEDING AT EAST DEREHAM, Wormald, 1922, 136; 1923, 40; . . . 1924 AT DEREHAM, W. 1925, 147.

HUNTING DUCKS EGGS . . . ON LAKE MANITOBA, Job, 1913, 351.

ECLIPSE PLUMAGE AND FLIGHTLESSNESS, Finn, 1906, 259.

Hybrids

*Colour in hybrid ducks, 1916, 71.

*Hybrid Geese, 1900, 130; *Hybrid Swan \times Goose, 1918, 101; *Hybrid Black and Mute Swan at the Zoo, 1928, 50; *Hybrid *Aythya nyroca* and *Marmaronetta angustirostris* at the Zoo, 1911, 211. (And see Wigeon and Falcated Duck below, (257).

(253)

SWANS, Tavis. 1927, 218 (AVIC.).

A SOCIABLE CYGNET, Ward, 1906; GRASS UNDER SWAN'S TONGUES, Pam, 1916, 50.

Coscoroba Swan. *Bred at Woburn; a first *teste* Ed. 1914, 53.

Whistling Swan, *O. columbianus*

THE TRAGEDY OF THE WHISTLING SWANS AT NIAGARA FALLS, D'Evelyn, 1909, 92.

(254)

GEESE, Tavis. and Blaauw, 1927, 293, plain plates (AVIC.).

Greylag Geese

TAMENESS, OF WILD GEESE, Miss Dorrien-Smith, 1913, 139, *183, photos.

REARING OF THE GREYLAG GOOSE, Portal (eggs from the Hebrides hatched), 1918, 53, photo.

VARIATION IN THE COLOUR OF WILD GEESE, Portal, 1918, 55.

Lesser White-fronted Goose

BREEDING OF THE . . . St. Q. (one reared), 1919, 129.

Snow-geese

*Ross's Snow-geese, bred by Blaauw, 1903, 240.

BREEDING THE BLUE GOOSE (*Chen caeulescens*) IN CANADA, Corsan, 1928, 114.

Hutchins' Goose

Bred at Woburn, 1910, 36, Medal, 1911, 162.

Red-breasted Goose, *Branta ruficollis*

THE RED-BREASTED GOOSE, HDA. 1917, 213, PLATE ; BREEDING IN CAPTIVITY . . . D. Bedf. 1927, 65, photos.

*Geese on Egyptian monuments, 1906, 81 ; 1927, 66, photo.

Ruddy-headed Goose, *Chloephaga rubidiceps*

Blaauw, 1913, 243, HDA. 244 ; THR . . . HDA. 1915, 357, PLATE.

Upland Goose. *Goslings dying off, 1917, 291.

Falkland Goose

*Colour of the young, 1924, 86.

MY ANTARCTIC GOOSE, Blaauw, 1913, 144.

THE ANDEAN GOOSE, Blaauw, 1911, 141, photo.

THE MANED GOOSE, *Chenonetta jubata*, Wormald, 1917, 157, *219, plain plate.

Orinoco Goose. Reared by Blaauw, 1909, 38.

Emperor Goose, *Philacte canagica*

ON THE BREEDING OF THE . . . AT GOOILUST, Blaauw (reared), 1916, 277, photos.

Blue-winged Goose, *Cyanochen cyanoptera*

THE BLUE-WINGED GOOSE OF ABYSSINIA, Blaauw, 1925, 169 ;

*Bred by Blaauw, 1927, 224.

Magpie Goose, *Anseranas melanoleucus*, Finn, 1910, 94, photo.

Pigmy Geese, *Nettapus*

*Ezra has some "Cotton-teal", 1914, 259 ; COTTON TEAL IN CAPTIVITY (*N. coromandelianus*), HDA. 1915, 269.

African Pigmy Goose, *N. auritus*. Brought by Webb, 1930, 194.

(255)

Mandarin and Carolina Ducks, PLATE (AVIC.), 1928, 1.

*At liberty, M-W. 1912, 122 ; *Carolina and Mandarin Ducks, Laidlay, 1929, 172, 193, 254.

THE . . . CAROLINA DUCK, Finn, 1904, 89, 139, PLATE.

(256)

White-winged Wood-duck, *Asarcornis scutulatus*. Zoo, 1911, 44.

THE TREE-DUCKS (*Dendrocygna*), Delac. 1928, 43 (AVIC.).

SHELDRAKES, Delac. 1928, 60 (AVIC.).

THE SHELDUCK, Blathwayt (RAMBLES . . .), 1902, 251; HDA. 1914, 160.

BREEDING OF SHELDUCKS IN CAPTIVITY, Percival, 1902, 255.

New Zealand Shelduck, *C. variegata*

ECLIPSE PLUMAGE OF THE FEMALE, Jones, 1910, 61.

PARADISE DUCKS, 1911, 157, photo.

(257)

THE SURFACE-FEEDING DUCKS (*Anas, etc.*), Delac. 1928, 62 (AVIC.).

PECULIAR NESTING SITE OF A MALLARD, 1909, 243, photos.

SOME SPONTANEOUS VARIATIONS IN THE MALLARD AND MUSCOVY DUCK, Finn, 1913, 82, 106.

THE ENDURANCE OF YOUNG WILD DUCKS, Miss Dorrien-Smith, 1913, 201; WILD DUCKS FROM AN INCUBATOR, Job, 1914, 64, 99, *146.

Wigeon

Hybrids: *M. sibilatrix* × *penelope*, five reared ("they exactly resemble the American Wigeon"), S.B. 1919, 15, photo.

*An American Wigeon 22 years old, 1928, 22.

Chiloe Wigeon. PLATE, 1928, 62.

Gadwall. See *Falcated Duck*.

Falcated Duck

Recorded as bred at Kew, but the young were really Falcated-Gadwall hybrids, Finn, 1917, 96, 240.

Pink-headed Duck

SOME OUT-OF-THE-WAY DUCKS, Finn (the Pink-headed "is not unfrequently sent home"), 1901, 132.

ARRIVAL OF A VERY RARE DUCK, THE PINK-HEADED, Ezra, 1915, 299; THE PINK-HEADED DUCK, Ezra, 1926, 325, PLATE and photo.

(258)

Teal

NOTES ON TEAL, Finn, 1907, 315, PLATE (*Grey Teal*); TEALS AND SHOVELLERS, Delac. 1928, 86 (AVIC.), PLATES and photos.

THE BAIKAL TEAL, *N. formosum*, Wormald, 1907, 296; PLATE, 1928, 86.

THE RING-NECKED TEAL, *N. torquatum*, SS. 1913, 23, PLATE; "new to Zoo," 1912, 37, 142, photo.

BLUE-WING TEAL, *Q. discors*.

NOTES ON THE . . . Portal, 1915, 249, photos.

THE CINNAMON TEAL, *Q. cyanoptera*, SS. 1911, 225, PLATE; Hotsbrugh, 1914, 261; PLATE, 1928, 86.

THE GREY TEAL, PLATE, 1907; 315.

(259)

DIVING DUCKS, Delac. 1928, 125, photos (AVIC.).

Baer's Pochard

Finn (SOME OUT-OF-THE-WAY DUCKS), 1901, 134; THE WHITE-EYED DUCK, *Nyroca ferruginea*, Dalglish, 1908, 86.

Ducks

Eider Ducks . . . IN CAPTIVITY, St. Q. 1899, 115.

Harlequin Duck. NOTES ON THE . . . BS. 1909, 55.

THE TUFTED DUCK, Wormald, 1906, 280, "easy to rear." Photo of nest.

Golden-eye, two reared by Blaauw, 1909, 37; THE GOLDEN-EYE, HDA. 1914, 160.

Steamer Ducks . . . AT THE ZOO, SS. 1927, 245, photo.

Musk Duck, *Biziura lobata*, Finn, 1919, 93, photo.

(260)

MERGANSERS, Delac. 1928, 131 (AVIC.).

THE RED-BREASTED MERGANSER, HDA. 1914, 319.

THE INDIAN GOOSANDER, *M. comatus*, Finn, 1900, 10.

THE SMEW, Bonhote, 1905, 120, *170.

(261)

FLAMINGOS, HDA. 1914, 287, PLATE.

THE HARDIHOOD OF FLAMINGOS . . . 1922, 26.

An escaped Flamingo from the Zoo recaptured, 1910, 101.

Flamingos on Lake Hannington, PLATE, 1914, 287.

Pelicans

PELICANS AND THEIR ALLIES, Delac. 1927, 215 (AVIC.).

A DERELICT PELICAN (*at Locarno*), Hutchinson, 1915, 339.

THE WHITE PELICANS OF OREGON, Maud, 1918, 109, *134, photo.

*The American White Pelican bred for the second time at the Washington Zoo, 1930, 335.

Gannets

NOTES ON GANNETS IN CONFINEMENT, J. H. Gurney, 1914, 312.

Cormorant

NOTES ON A TAME CORMORANT, Thompson, 1925, 104.

Frigate Bird

THE FRIGATE BIRD POST OF THE PACIFIC, EH. 1918, 283.

(262)

PIGEONS, Découx, 1929, 37 (AVIC.).

THE IDENTIFICATION OF RARE DOVES, Cresswell, 1896, 33.

MY DOVES IN 1897, Cresswell, 1897, 203; . . . IN 1898, 1899, 66; NOTES ON DOVES, Alderson, 1902, 219; 1903, 130, 231 (*and see* Aviary Records (Alderson) *part i*); Castle-Sloane, 1907, 41; FOREIGN DOVES, Alderson (PRACT. BIRD-KEEPING), 1911, 163, 193; A SHORT RECORD OF MY DOVE'S DOINGS, Ivens, 1913, 302.

*Doves not peaceable, 1906, 268; ON THE COURTING POSITIONS OF CERTAIN DOVES, AGB. 1898, 191; DOVES EATING INSECTS AND WORMS, AGB. 1903, 397, *1904, 83.

THE ACCLIMATIZATION OF FOREIGN DOVES, SS. 1907, 215; THE DOVE ACCLIMATIZATION EXPERIMENT, SS. 1907, 245; 1908, 43; FOREIGN DOVES AT LIBERTY, Tavis. 1914, 123, 177.

DOVES AT THE C.P. HDA. 1899, 18; Cresswell, 93.

List of Doves on sale in France in 1899, 1900, 19.

*The Nomenclature of Foreign Doves, 1898, 40, 50.

THE PIGEONS OF THE GAMBIA, EH. 1919, 24, 103 ; 1923, 185, 231.

(263)

FRUIT-PIGEONS, Delac. 1929, 63, 85, PLATE ; *eight species of Fruit-pigeon now at the Zoo, 1913, 89.

THE WEDGE-TAILED FRUIT-PIGEON IN CONFINEMENT, Dodsworth ("the Kokla"), 1912, 129, 165, PLATE, *228.

Treron curvirostris brought by Delac. 1924, 294.

Osmotreron vernans and *bicincta*, ditto.

The "Green Pigeon" (*Vinago*), Gambia, EH. 1923, 185.

Ptilopus

Wallace's Fruit-pigeon, *Pt. wallacei*. New to Zoo, and probably to Aviculture, 1913, 36 ; PLATE, 1929, 85.

Pt. apicalis . . . A FRUIT-PIGEON FROM SAMOA, HDA. 1896, 59.

Pearl-spotted Fruit-pigeon, *Pt. zonurus*. New to Zoo, and probably to Aviculture, 1913, 36.

Orange-bellied F-p., *Pt. iozonus*. New to Zoo, and probably to Aviculture, 1913, 36.

Orange-fronted Fruit-pigeon, *Pt. aurantiifrons*. Brought by Frost from New Guinea ; new to Zoo, 1921, 152.

Rose-breasted Fruit-pigeon, *Pt. roseicollis*. Brought by Frost, "new," 1930, 398.

Lilac-crowned Fruit-pigeon, *Pt. coronulatus*

BREEDING OF THE . . . Stokes (one reared), 1923, 200 ; *Bright, 244 ; THE LILAC-CROWNED FRUIT-PIGEON AND OTHER NOTES, Stokes, 1924, 218.

Muscadivora aenea brought by Delacour, 1924, 294.

Magnificent Fruit-pigeon, *Megaloprepia magnifica assimilis*. Zoo, 1921, 182.

White Fruit-pigeon, *Myristivora luctuosa*. Photo, 1913, 36.

(264)

Alectroenas

A. pulcherrima, Zoo, 1906, 265 ; THE PIGEON HOLLANDAIS, *A. pulcherrima*, Renshaw, 1915, 61, photo ; THE RED-CROWNED P., *A. pulcherrima*, M-W. 1916, 23, Delac. 1917, 139 ; BREEDING OF THE PIGEON HOLLANDAIS, *A. pulcherrima*, Delac. 1918, 157, *172 ; THE RED-CROWNED WART-PIGEON, *A. pulcherrima*, Delac. 1929, 105, PLATE.

THE TRUE PIGEON HOLLANDAIS, *nitidissima*, Renshaw, "I. de Maurice"—now extinct, 1918, 159.

(265)

THE TRUE PIGEONS OR *Columbinae*, Newman, 1929, 181, 200, 276 (AVIC.).

*Wood-pigeon Diphtheria, 1908, 157.

THE STORY OF A PIGEON, Knobel, 1929, 136, 262.

Pigeons

THE SNOW-PIGEON, *C. leuconota*. Newman (bred), 1911, 173, PLATE ; 204 ; Medal, 367.

THE WHITE-CROWNED PIGEON, *C. leucocephala*. SS. 1902, 287, photo.

White-throated Pigeon, *C. albigularis*

NESTING OF THE . . . Bred for the first time ; two young reared, 1910, 158, 193, 226 ; Medal, 1911, 23.

THE WHITE-THROATED PIGEON (has been bred), 1913, 10.

Spotted Pigeon. *Breeding at large at Woburn, 1907, 190.

Specious Pigeon, *C. speciosa*

Hybrids, *C. speciosa* and *maculosa*, easily reared, Delac. 1916, 275.

THE SCALLOP-NECKED PIGEON, Newman, 1929, 184, PLATE.

Bare-eyed Pigeon, *C. gymnophthalma*. Two at Zoo, 1911, 45.

Guinea Pigeon, EH. (in Gambia), 1923, 209.

C. laurivora. *St. Q. (reared), 1899, 74.

(266)

The Passenger Pigeon, 1902, 33.

Macropygia

SWINHOE'S PHEASANT-TAILED PIGEON, *M. swinhoei*, Ezra. (bred), 1928, 21.

Meyer's Pigeon. *Zoo, 1907, 76.

Tambourine Dove

MORE ATTEMPTS TO BREED THE . . . AGB. 1904, 100 ; ON BREEDING THE . . . AGB. 1906, 307, Medal, 364 ; TAMBOURINE DOVES, etc., AGB. 1907, 297.

*Tambourine Doves "have been hatched", 1905, 376.

AFRA DOVES (*Chalcopelia*), Currey, 1913, 80.

The Rufous-winged Dove, *C. afra*, EH. (in Gambia), 1923, 234.

Maiden Dove, *Calopelia puella*

NOTES ON THE . . . AGB. 1906, 251, PLATE.

Talpacoti Dove. Reared, 1904, 353 ; Doves with two nests at a time (*Talpacotis*), 1906, 114.

(267)

Turtledoves

*Wild Turtledoves nesting in an aviary, 1913, 345.

SOME TURTLEDOVE HYBRIDS AND THEIR FERTILITY, Newman, 1904, 191, photos.

Barbary Doves

*As foster-parents, SS. 1897, 135, *209.

*One 23 years old, 1898, 17.

THE BARBARY DOVE AT LIBERTY, Workman, 1930, 192, *252.

THE MADAGASCAR TURTLEDOVE, *S. picturata*. Newman (bred), 1908, 79 ; Medal, 216, *217.

Ring-necked Dove, *S. vinacea* (of Gambia), EH. 1923, 214.

ROSE-GREY TURTLEDOVES AND OTHERS, Newman, 1921, 100.

DECEPTIVE TURTLEDOVE, *T. decipiens*, Newman (bred), 1910, 120, Medal, 1911, 22.

THE BURMESE COLLARED TURTLEDOVE, *T. xanthocyclus*. Newman, 1906, 321 ; plain plate.

THE HALF-COLLARED TURTLEDOVE, *T. semitorquatus*. Newman, 1907, 318.

The Red-eyed Dove, *T. s. erythrophrys*, EH. (Gambia), 1923, 211.

Isabelline Turtledove

SUCCESSFUL BREEDING OF THE . . . Bright, 1922, 170.

Senegal Dove. EH. (GAMBIA), 1923, 233.

(268)

GROUND DOVES AND PIGEONS, Newman, 1929, 138, 156 (AVIC.).

Cape Dove, *Pena capensis*, EH. (in Gambia), 1923, 236.

Peaceful Dove

BREEDING OF THE AUSTRALIAN "PEACEFUL" DOVE IN ITALY, HDA. 1907, 58.

Necklace Dove, *tigrinus*

BREEDING OF THE . . . AGB. 1898, 24.

THE DIAMOND DOVE,

Cresswell, 1897, 171, plain plate ; Alderson, 1915, 342.

*Diamond Doves reared, SS. 1899, 35 ; *One 19 years old, 1916, 97.

White-winged Dove, *Melopelia leucoptera*

Bred : (Alderson), 1902, 273 ; Medal, 1903, 82 ; NESTING OF THE WHITE-WINGED ZENAIDA DOVE, Alderson, 1902, 295.

PASSERINE DOVES, *Chamaepelia passerina*, Savage, 1900, 17, *227.

Pigmy Dove, *Ch. minuta*

HDA. 1900, 79 ; BREEDING OF THE . . . Bright (reared), 1924, 253.

Dwarf Ground-dove

NESTING OF THE . . . Tesch. (reared), 1908, 257 ; Medal, 1909, 112.

Scaly Dove, *Scardafella squamosa*

NESTING OF THE . . . SS. (reared), 1904, 278 ; Medal, 366.

(269)

Leptoptila

THE WHITE-FRONTED GROUND-DOVE, *L. jamaicensis*, SS. 1905, 87, PLATE ; NESTING OF THE WHITE-FRONTED OR VIOLET DOVE, Alderson, 1903, 393, photos ; Medal, 1904, 20, 28.

RUFIOUS DOVE, *L. reichenbachii*.

NESTING OF THE . . . Alderson, 1904, 270 ; Medal, 308.

SOLITARY GROUND-DOVE, *L. chlorauchenia*

NESTING OF THE . . . Alderson, 1905, 130 ; Medal, 178.

Wells's Ground-dove, *L. wellsi*

First arrival, AGB. 1899, 95 ; NESTING OF WELLS'S DOVE, Bright (one reared), 1926, 221.

Doves

Grayson's Dove

THE BREEDING OF . . . Bright (two reared), 1926, 223.

Gaumer Doves

*"Breed in the Park at Woburn," 1910, 37.

(270)

Geotrygon

Red Mountain Dove, *G. montana*

THE BREEDING OF THE RED MOUNTAIN PARTRIDGE-DOVE, W. Ingram, 1906, 357; They had been previously bred at the Zoo, 1907, 82.

A tooth on both mandibles of young Red Mountain Doves (Whitley), SS. 1925, 277, 1926, 20.

G. chrysia. *Astley has had one, 1909, 39.

THE GREY-HEADED GROUND-PIGEON, *G. caniceps*, Ezra, 1925, 298.

(271)

Gallicolumba (late *Phlogoenas*)

Bleeding-heart Pigeon

*Eyes reddish plum-coloured, not brown, AGB. 1900, 64.

THE BLEEDING-HEART DOVE, Alderson, 1903, 132; photo of young.

BARTLETT'S BLEEDING-HEART PIGEON, *P. criniger*. Newman (young reared), 1909, 225, 286, PLATE and photos.

White-breasted Ground-pigeon, *P. jobiensis*¹

NOTES ON THE . . . Bright (young reared), 1922, 168.

Astley has a pair, 1923, 69; "my pair, I find, were bred by Bright," HDA. 1923, 82.

Phl. keayi has been kept, 1909, 234.

Phl. helviventris. New to Zoo, and probably to Aviculture, 1913, 36.

(272)

Chalcophaps

THE GREEN-WINGED PIGEONS . . . SS. 1906, 277.

GREEN-WINGED DOVES, Alderson, 1914, 149, photos of the young, 194 (and see AVIC. 1929).

Indian Green-winged Dove = *Ch. indica*. Bred SS. 1904, 333.

THE AUSTRALIAN GREEN-WINGED DOVE, *Ch. chrysochlora* 1914, 149, PLATE.

Bill-colour of the . . . SS. 1896, 64.

Stephani's Green-winged Dove, *Ch. stephani*. Brought by Frost from New Guinea; new to Zoo, 1921, 152.

(273)

THE BRONZE-WINGED PIGEONS AND DOVES, Newman, 1929, 109 (AVIC.).

THE BRONZE-WINGED PIGEON, *Phaps chalcoptera*, SS. 1898, 41; Newman, 1929, 1, PLATE.

¹ = *P. j. margaritae*.

BRUSH BRONZEWING PIGEON

. . . HABITS IN CAPTIVITY OF THE . . . SS. (bred), 1904, 211, photos, 263, 289, 308, Medal.

THE PARTRIDGE PIGEONS OF AUSTRALIA (*Geophaps*), SS. 1907, 292; Photo of *G. scripta*.

NESTING OF . . . *G. scripta*, Newman (reared), 1908, 337; 1909, 40; Medal, 112; "Two were hatched at the Zoo in 1891, but not reared," 1909, 53.

NOTES ON THE PLUMED DOVES, SS. 1907, 51, 130; PLATE of the White-bellied Plumed Dove, *Lophophaps leucogaster*.

THE PLUMED GROUND DOVE . . . PLUMAGE, Blagg, 1914, 112. *L. plumifera*, *1904, 230.

THE CRESTED PIGEON AT LARGE, Ingram, 1907, 277/282.

Henicophaps albifrons

At the New York Zoo, 1921, 43; London Zoo, first importation, 181 (*more arrived* 1930).

Otidiphaps

BREEDING THE GREEN-APED PHEASANT-PIGEON, *O. nobilis*, IN CALIFORNIA, Mrs. Black (reared), 1930, 150.

Aru Noble Pheasant-pigeon, *O. nobilis aruensis*. Brought by Frost, "new," 1930, 308.

(274)

Gouras

Slater's Crowned Pigeon. A nesting disappointment, G. H. Gurney, 1930, 303.

Dodo

THE DODO AND SOLITAIRE IN AVICULTURE . . . Finn, 1928, 34.

(275)

SAND-GROUSE. M-W. 1897, 177; 1906, PLATE of *P. pyrenaicus*; SS. 1929, 322 (AVIC.).

NOTES ON SAND-GROUSE, B.S. 1910, 313.

*Records of breeding, 1925, 85.

"Hybrid Sand-grouse" (*alchata* × *pyrenaica*), Zoo ("bred in England"), 1900, 184.

THE BREEDING OF PTEROCLES EXUSTUS, St. Q. (reared), 1905, 64, Medal, 118.

A Pin-tailed Sand-grouse, seventeen years in captivity, M-W. 1910, 132/135.

Pin-tailed Sand-grouse, EH. (. . . GAMBIA), 1923, 183.

Four-banded Sand-grouse, EH. (. . . GAMBIA), 1923, 171.

(276)

GAME-BIRDS, St. Q. (PRACT. BIRD-KEEPING), 1912, 314, AVIC., see under the various families below.

THE GAME-BIRDS AND PIGEONS OF THE GAMBIA, EH. 1923, 125, etc. GROUSE, SS. 1930, 96 (AVIC.).

*On hybrids: Black Game and Grouse, 1904, 300.

THE RED GROUSE IN CONFINEMENT, Wotmald, 1912, 92.

Grouse

NOTES ON THE WILLOW GROUSE, BS. 1909, 252.

NOTES ON THE ROCK-PTARMIGAN, *L. rupestris* . . . BS. 1909, 55, photo ; 1910, 349.

Hazel Hens. Query as to treatment, 1910, 77.

THE CAPERCAILLIE AT HOME, Cuningham, 1913, 236.

THE GROUSE AND WILD TURKEYS OF AMERICA, 1906, 267.

A PRAIRIE CHICKEN RAISED FROM CAPTIVE-LAID EGGS, J. C. Phillips, 1913, 371, photos.

(277)

Quails

NOTES ON THE QUAILS (*Coturnix*), SS. 1907, 1, PLATE (heads), *79.

QUAILS, SS. 1912, 78 (PRACT. BIRD-KEEPING), SS. 1930 (AVIC.).

Gambian Quails (*Common, African, and Delegorgue's*), EH. 1923, 167-9.

THE COMMON QUAIL, SS. 1911, 124.

*Protection of the Quail, 1911, 73.

QUAIL-BREEDING IN JAPAN, Taka-Tsukasa, 1921, 24.

RAIN QUAIL, *C. coromandelica*, Leslie Seth-Smith (one reared), 1903, 366, *407 ; 1904, 20, 55, Medal.

C. delegorguei. Reared, SS. 1906, 319.

Australian Swamp-Quail, *Synoecus australis*

THE BREEDING OF THE . . . SS. (reared), 1905, 363 ; Medal, 1906, 118.

**S. australis* in New Zealand ; a skin sent as *novae-zealandiae*, 1907, 252.

Plumbeous Quail, *S. plumbeus*. Hatched, Sich 1922, 140.

(278)

THE CHINESE QUAIL, *Excalfactoria chinensis*, AGB. 1898, 1, PLATE ; BREEDING OF THE CHINESE PAINTED QUAIL, M-W. 1899, 1, Medal, 1900, xi.

SOME NOTES ON THE PAINTED QUAILS (*Excalfactoria*), SS. 1904, 311.

A Chinese Quail hen assumes male plumage, Rattigan, 1910, 196.

Jungle Bush-Quail, *Perdica asiatica*

NOTES ON THE BREEDING OF THE . . . Cockell (reared), 1909, 234.

Argoondah Bush-Quail. Bred by Tesch. 1911, 52.

Roulroul

BREEDING OF THE ROULROUL, W. Ingram (not fully reared), 1908, 38, plate of 3-weeks-old young.

THE ROULROUL, HDA. 1908, 201 ; SS. 1930, 95.

THE BREEDING OF THE ROULROUL, Whitley (two reared), 1927, 253, PLATE ; see also 1926, 321.

(279)

PARTRIDGES, SS. 1930, 91 (AVIC.).

Chukors

CHUKORS . . . FROM CRETE (*saxatilis*), Portal, 1921, 118.

THE BLACK-HEADED PARTRIDGE, *Alectoris melanocephala*, SS. (bred by Whitley). 1928, 101, PLATE.

Seesees

THE BREEDING OF HEY'S ROCK-PARTRIDGE, *Ammoperdix heyi*, Trevor-Battye (bred : young reared), 1905, 263 ; plain plate, which = *chholmleyi*, p. 346.

*Seese Partridges, O. Grant, 1909, 305, 333.

Tree-partridges, etc.

NOTES ON THE TREE-PARTRIDGES, B.S. 1910, 126.

Arboricola torquola, BS. 1908, 221.

THE RUFOUS-THROATED TREE-PARTRIDGE, *A. ruficularis*, BS. 1911, 294.

Bambusicola thoracica. One shot near Bedford reported as a hybrid between a Pheasant and Partridge, 1906, 174.

Formosan Bamboo-partridge, *B. sonori vox*

REARING OF THE . . . Ezra, 1930, 289.

Rhizothera magnirostris. Brought by Delac. 1924, 294.

(280)

Ptilopachus

The **Stone-pheasant** or Rock-bushfowl, *P. fuscus*. HDA. 1910, 179 ; EH. 275 ; EH. (. . . GAMBIA), 1923, 166.

(281)

Francolins

THE FRANCOLINS, SS. 1930, 67 (AVIC.).

. . . Of the Gambia, EH. 1923, 126-30 ; the Double-spurred, White-throated, Ahanta and Latham's.

Black Francolin, *F. vulgaris*

. . . BREEDING THE . . . BS. 1908, 343 ; Medal, 1909, 112.

Grey Francolin, *F. pondichianus*

MY INDIAN PARTRIDGE, Lloyd (a tame Indian Grey F.), 1918, 298.

BREEDING OF THE GREY F., Amsler (five reared), 1927, 289.

Spotted Francolin, *F. sephaena spilogaster*

BREEDING OF THE . . . BS. ("two about the size of Quails"), 1927, 220.

Gray's Bare-throated F., *Pternistes leucoscepus*

ACCOUNT, L. M. Seth-Smith, 1904, 325.

Chicks hatched, Ingram, 1905, 345 ; BREEDING . . . Ingram (reared), 1905, 352 ; plain plate, Medal, 383, 1906, 49.

CABANIS' BARE-THROATED FRANCOLIN, *Pt. infuscatus* AND HILDEBRANDT'S F., *Pt. hildebrandti*, Porter, 1928, 62.

(282)

PHEASANTS, SS. 1898, 125, 142 ; Ghigi and Delac. 1930, 170, 197, photos (AVIC.).

ON KEEPING PHEASANTS, Beevor, 1924, 1.

THE BEAUTY OF PHEASANTS, HDA. 1924, 59.

FANCY PHEASANTS, Scott Hopkins, 1930, 161.

Pheasants

VARIATION IN GOLD AND SILVER PHEASANTS, Finn, 1905, 102, *145 ; *Reversion of Mutants (*re* a pheasant at the Zoo), Finn, 1929, 195.

PHEASANT BREEDING, Delac. 1925, 77 ; Pheasant-breeding results, Table, Van Heyst, 1930, 85, *138.

PAST IMPORTATIONS OF INDIAN PHEASANTS, Jamrach, 1915, 126, 157.

THE HEARING OF PHEASANTS AND OTHER BIRDS, SS. 1916, 200, *237.

SOME PHEASANTS AND A JAY, Mrs. Gregory, 1911, 81.

PHEASANTS (*wild*), Williams, 1917, 310.

(283)

THE MURGHAB PHEASANT, Plain plate, 1910, 227.

THE ROYAL PHEASANT, A MEMORY OF THE LATE KING, Finn, 1910, 227.

KALEEGE AND OTHER PHEASANTS, Finn, 1918, 296.

LEWIS'S SILVER PHEASANT, *Gennaeus lewisi*, 1930, 197, PLATE.

MILNE-EDWARDS' PHEASANT, *Hierophasis edwardsi*, 1930, 225, PLATE.

GOLDEN AND SILVER PHEASANTS, Variation, *see* 282 *above*.

AMHERST PHEASANT IN DISPLAY, PLATE, 1912, 237.

THE MIKADO PHEASANT, Mrs. J. 1915, 265, PLATE.

SIAMESE FIREBACK PHEASANT, *Diardigallus diardi*, PLATE, 1930, 170.

Bulwer's Pheasant. A pair brought by Goodfellow, 1929, 326.

(284)

Crossoptilon

*Unfriendly Crossoptilons, Chawner, 1930, 130.

THE MANCHURIAN CROSSOPTILON, 1918, 290.

Blue Crossoptilon, nineteen sent to Europe, Hampe, 1930, 145.

(285)

Tragopans

*Notes on, *1902, 73 ; TRAGOPANS IN CAPTIVITY, St. Q. ("have bred"), 1903, 95.

Satyra Tragopans

Its cry BS. 1910, 226 ; . . . DISPLAY . . . BS. 1912, 153 ; plain plate ; SS. 1927, 193 ; . . . chick, HDA. *1920, 117.

Cabot's Tragopan

THE WATTLE OF . . . 1919, 149.

Monals *1905, 209 ; 1912, 150 ; THE DISPLAY OF THE MONAL. BS. 1909, 160.

Polyplectron

THE DISPLAY OF THE PEACOCK-PHEASANT, Pocock, 1911, 229
Peacock-pheasant in full display, photo, 1912, 170.

Napoleon Peacock-pheasant

*"Has been bred in America ; a few have just reached England," 1930, 334.

Sumatran Peacock-pheasant, *Chalcurus chalcurus*

Brought by Frost, 1930, 308.

(286)

THE ARGUS PHEASANT AND ITS DISPLAY, SS. 1925, 175, photos.
Gray's Argus. Six brought by Goodfellow, 1929, 326.

Rheinhardt's Argus

Seven brought by Delacour, the first to reach Europe alive, 1926, 194; at Zoo, 1928, 163.

THE BREEDING OF . . . IN JAPAN, Taka-Tsukasa, 1929, 307, photos.

(287)

JUNGLEFOWL, SS. 1928, 136. *Further notes, Finn, 199.

THE CEYLON JUNGLEFOWL, Verses, Finn, 1928, 144; *Reared at the Zoo, 1928, 225.

ON A REMARKABLE RECENT DEVELOPMENT IN FOWLS' EGGS, Finn. 1928, 222.

NOTES AT THE POULTRY CONFERENCE, Finn, 1930, 264.

Peacocks

NOTES ON *PAVO NIGRIPENNIS*, Blaauw, 1913, 330.

(288)

Guineafowl

(IN GAMBIA), EH. 1923, 169.

Hybrid Guineafowl reared. "Mitre cock paired with a hybrid hen (father = Vulturine \times Mitre, mother, Mitre \times Domestic), Laidley, 1929, 255, *330; 1930, 57.

Numida ptilorhyncha

BREEDING OF THE ABYSSINIAN CRESTED GUINEAFOWL AND OTHER NOTES, G. H. Gurney, 1929, 3.

THE BLACK-COLLARED CRESTED GUINEAFOWL, *Guttera cristata*, L. M. Seth-Smith, 1907, 365, photos.

Coronnetted Guineafowl, *G. pucherani*

BREEDING OF THE . . . G. H. Gurney (one reared), 1912, 35.

THE VULTURINE GUINEAFOWL, Renshaw, 1915, 297, photo.

(289)

. . . WILD TURKEYS OF AMERICA, 1906, 267.

OUR QUEST FOR THE MEXICAN WILD TURKEY . . . Housden, 1925, 143.

THE OCELLATED TURKEY, Renshaw, 1917, 112.

(290)

Odontophoridae

SOME AMERICAN QUAILS, Pichot, 1918, 111.

AMERICAN QUAILS OR COLINS, SS. 1930, 64 (AVIC.).

Californian Quails

NESTING OF . . . Alderson, 1902, 136, *148 ; CALIFORNIAN QUAIL, Wormald, 1909, 145 ; COCK . . . BROODING, Workman, 1930, 274.

*Hybrid Venezuelan \times Californian Quail bred, "a troop reared," SB. 1913, 40.

Cuban Bobwhite

BREEDING OF THE . . . HDA. (one reared), 1911, 369, Medal, 367 ; They were reared under a Bantam, medal therefore not awardable, 1912, 40.

Mexican Black-breasted Quail, *Colinus pectoralis*

THE BREEDING OF THE . . . SB. (three reared), 1918, 114, photo.

American Barred Partridge, *Philoxa fasciatis*

NESTING OF THE . . . SB. (eggs only), 1928, 46.

Scaly-breasted Colin

"Successful Breeding," Trevor-Battye (eleven hatched, 12th August ; the last died 19th Oct.), 1906, 117.

White-cheeked Crested Quail, *Eupsychortyx leucopogon*

Bred by Tesch., but no Medal claimed, 1911, 52.

(291)

Turnicidae

HEMIPODES . . . SS. 1930, 16 (AVIC.).

THE BREEDING IN CAPTIVITY OF *TURNIX TANKI*, SS. 1903, 317, Medal, 377.

ON THE BREEDING OF *T. VARIA*, SS. (reared), 1905, 295, Plain plate, PLATE ; Medal, 382.

ON REARING HEMIPODES BY HAND FROM THE EGGS (*varia*), SS. 1907, 303.

ON BREEDING *T. NIGRICOLLIS* IN GERMAN BIRD-ROOMS, AGB. 1905, 195, *234.

ON BREEDING *T. LEPURANA* IN GERMAN BIRD-ROOMS, AGB. 1905, 217 ; THE KURRICHAINÉ BUTTON-QUAIL, *T. lepurana*, Horsbrugh (three reared in S. Africa), 1908, 307 ; THE BREEDING OF THE LEPURANA BUSTARD-QUAIL, Sich (two reared), 1927, 264.

Smith's Button-Quail, EH. (. . . GAMBIA), 1923, 184.

Turnix dussumieri, *St. Q. has some, 1904, 209.

(292)

Tinamous

*Treatment, 1907, 250 ; Records of breeding in captivity, 1925, 136.

THE TINAMOUS, SS. 1930, 323, photos. (AVIC.).

Rufous Tinamou

*One dies after 16 years in confinement, 1926, 115.

Tataupa Tinamou

ON THE BREEDING IN CAPTIVITY OF THE . . . SS. 1904, 285, PLATE, 362, Medal, 366.

Martineta Tinamou, *Calopezus elegans*

. . . BREEDING IN CAPTIVITY, SS. (has been at the Zoo and by Delaurier (1903) in France), 1904, 104.

Spotted Tinamou, *Nothoprocta maculosa*

THE BREEDING OF THE PARTRIDGE TINAMOU, BS. (reared), 1908, 300, Medal, 348 ; *A mistake* (= *maculosa* not *perdicaria*), medal withheld, 1909, 52, 53.

* The Spotted T. bred at the Zoo, 1914, 47.

Partridge Tinamou, *N. perdicaria*

BREEDING OF THE CHILIAN TINAMOU (*perdicaria*), SB. (reared), 1929, 251.

N. cinerascens

THE NESTING OF THE CINEREOUS TINAMOU, *Crypturus cinereus* SB. (reared), 1925, 18, photos ; Error = *cinerascens* not *cinereus*, 86.

(293)

CURASSOWS AND GUANS, SS. 1930, 294, photos (AVIC.).

ON THE BREEDING HABITS OF HECK'S CURASSOW, Pocock, 1909, 23, *81.

Hybrids : Globose × Hecks were bred at the Zoo in 1908—two chicks hatched in August, 10 weeks old in October, 1909, 23, *81, see also 1908, 348.

Piping Guans. *At the Zoo, 1913, 211, photo.

(294)

THE MEGAPODES, SS. 1930, 319, photos. (AVIC.).

THE MALLEE FOWL OF AUSTRALIA (*wild life*), Bellchambers, 1921, 19.

THE CELEBEAN MALEO, Renshaw, 1917, 168.

THE BRUSH-TURKEY (*lathamii*), St. Q. 1904, 160.

ON THE NESTING HABITS . . . (at Zoo), Bertling, 1904, 217, 294 ; *Nesting of . . . 1905, 43, 82.

(295)

Apteryx

*A wonderful find, "twenty-five Haast's Kiwis", 1915, 180.

*Kiwis kept at Lilford . . . 1930, 101.

MANTELL'S APTERYX, Renshaw, 1917, 338, photo.

Another Kiwi photo, 1918, 17 ; NOTES ON THE EGG OF . . . Renshaw, 1918, 78.

*Laying in captivity, 1903, 150.

MANTELL'S APTERYX AT THE Zoo, SS. 1905, 314.

Owen's Apteryx, *1912, 231.

(296)

CASSOWARIES, Renshaw, 1916, 82.

REMARKS ON SOME CASSOWARIES, Welch, 1922, 173.

A PET CASSOWARY (*picticollis*), Brook, 1910, 291.

THE EMU, Butter, 1919, 161.

*The Black Emu of Kangaroo I. (*extinct*), 1903, 242.

Rheas

THE PASSING OF THE SPOTTED EMU (*irroratus*); A BIRD THAT NEVER EXISTED, Renshaw, 1919, 67.

Rheas

RHEAS IN CAPTIVITY, Fothergill, 1902, 127, photo; THE DOMESTICATION OF THE RHEA, 1907, 129; POLYANDRY IN THE RHEA, HDA. 1907, 267; THE BREEDING OF RHEAS, Vernon, 1911, 126, photos; THE . . . RHEA, Butter, 1919, 159.

OSTRICHES, Butter, 1918, 173, 214, photo.

THE DISPLAY OF THE COCK OSTRICH, Pocock, 1909, 286, photos.

THE EMBRYONIC LIFE OF THE OSTRICH, Aubry, 1919, 21.

FIELD NOTES ON THE . . . Sir W. Cornwallis Harris (*reprint*), 1919, 112.

Part iii

List of Contributors with dates of earliest and latest contributions.

Bracketed letters after a name indicate the abbreviation or initials used (for economy of space) in parts i and ii.

EDITORS

1895-99.	H. R. Filler.	1911-12.	Bonhote.
1899-1901.	O. E. Cresswell.	1913-17.	H. D. Astley.
1902-7.	D. Seth-Smith.	1918-19.	Graham Renshaw.
1908.	SS. and A. G. Butler.	1920-23.	R. P. Pocock and SS.
1909.	SS. and F. Finn.		
1910.	Finn and J. L. Bonhote.	1924.	Tavistock.
		1925-30.	D. Seth-Smith.

Abell, Rev. R. B. 1926-7.
Abrahams, J. 1896.
Ainley, J. W. 1912.
Aitchison, A. 1908.
Alderson, Miss. 1899-1917.
Allen, M. T. 1924-9.
— M, V. 1923.
Allon, Erskine. 1897.
Alston, Gavin. 1901-03.
Amsler, Dr. Maurice. 1911-30.
Anningson, Mrs. 1906.
Appleby, J. 1924-30.
Appleford, Mrs. 1897.
Arthur, C. P. 1895-1909.
Ashby, Edward. 1916.
— Edwin. 1922.
Ashford, Grace. 1897-1903.
Astley, Hubert D. 1896-1925.
(HDA).

Atherley, Mrs. Helen. 1912-16.
Attewell, H. E. 1904-12.
Aubry, M. 19.
Bahr, Philip H. 1912.
Bailey, Florence. 1917.
— Lt.-Col. F. E. E. 1927.
Bailly-Maitre, J. 1925.
Baily, Shore-. *See* S.
Bainbridge, W. A. 1914.
Baker, E. C. Stuart. 1912-14.
Baldelli, Comtesse. 1902-13.
Bamford, Miss. 1903.
Bampfylde, Hon. Mrs. 1912.
Banks, R. C. 1920.
Barber, Mrs. 1900.
Barber-Starkey, F. 1909.
Barkly, Mrs. 1897-1901.
Barlow-Massicks, F. 1915.

- Barnard, Charles. 1917.
 Barnby Smith, C. 1906-21. (*BS.*)
 Barnes, A. H. 1926.
 — Mrs. 1900.
 Barnett, Walter. 1927.
 Barrett, Charles. 1916.
 Bateson, Hon. Mrs. 1901-05.
 Bathe, Frank. 1904.
 Bathgate, John. 1905.
 Bearby, W. R. H. 1924-8.
 Bedford, Duchess of. 1906-29.
 (*D.Bedf.*)
 Beebe, C. Wm. 1905-8.
 Beever, G. 1923-30.
 Bell, Canon. 1925.
 Bellchambers, T. P. 1921.
 Bennett, Capt. M. G. B. 1928.
 Bentley, D. 1903-12.
 Bergtold, W. H. 1916.
 Berlioz, *see* Delacour.
 Berridge, W. S. 1912-20.
 Bertling, A. 1905.
 Best, C. 1928-30.
 Betts, W. H. 1895.
 Blaauw, F. E. 1902-25 (*and with Tavis.*)
 Black, Mrs. A. R. 1930.
 Blagg, E. W. H. 1914-17.
 Blamey, Joel. 1905.
 Blathwayt, Rev. F. L. 1902-9.
 — Arthur P. 1915.
 Blissett, N. K. 1930.
 Bonhote, J. Lewis. 1895-1921.
 Boosey, E. J. 1926-8.
 — and Alec Brooksbank, 1929-30.
 Borbridge, H. M. 1925-8.
 Borman, Major F. W. 1928-9.
 Bourke, Hon. Mrs. 1921-9.
 Bouskill, G. E. 1897.
 Bowie, Miss Helen. 1904.
 Boyes, F. 1914.
 Brabourne, Lord. 1914-15.
 Bradshaw, J. 1928-9.
 Brampton, Miss Emily. 1900-4.
 Brigg, Stanley. 1895.
 Bright, Herbert. 1914-26.
 Bromet, Mrs. H. 1906-7.
 Brook, E. J. 1906-17.
 Brooksbank, *see* Boosey.
 Brooksbank, Mrs. 1902.
 Brown, Mrs. Swinfen. 1900.
 Brown, W. Ferrier. 1930.
 Brunton, John D. 1927.
 Bull, H. J. 1903.
 Bullivant, T. P. 1900.
 Burge, Samuel. 1897-8.
 Burgess, O. W. 1902-3.
 Burgess, Mrs. Dalton. 1921-4.
 Burton, W. 1903.
 Bushby, Dudley C. 1924.
 Butler, Dr. A. G. 1895-1923.
 (*AGB.*)
 Butler, A. L. 1912-13.
 Butter, J. K. 1918-20.
 Campbell, A. C. Drelincourt. 1917.
 Campbell, A. J. 1903-16.
 Camps, H. T. T. 1895-1900.
 Carpenter, Hon. Mrs. 1901-8.
 Carrick, George. 1900-2.
 Carruthers, Sir Joseph. 1918.
 Cartmell, I. 1899.
 Cash, James J. 1918-20.
 Castellan, V. 1895-7.
 Castle-Sloane, C. 1902-8.
 Catleugh, W. T. 1896-1905.
 Cavanagh, E. H. 1903.
 Cecil, Lady Wm. 1911-19.
 Chamberlain, Walter. 1914.
 Chapman, Frank M. 1916.
 Charrington, Mrs. 1900-4.
 Chase, G. S. 1903.
 Chatterton, Alice. 1927.
 Chawner, Miss. 1900-30.
 Child, Francis B. 1926.
 Christie-Miller, L. 1927-8.
 Clarke, W. Eagle. 1920.
 Clayton, C. H. 1902.
 Cockell, Norman F. 1909.
 Cocksedge, E. Le H. 1899.
 Cole, S. G. 1925.
 Collier, Miss C. L. 1897-1900.
 Collin, H. A. 1929.
 Collinge, W. E. 1919-20.
 Colville, Miss K. 1929.
 Comyns-Lewer, Mrs. 1905.
 Connell, Mrs. Knatchbull. 1904-12.
 Cook, Alice M. 1919.
 — Beatrice, 1923.
 Cooper, James. 1900-10.

List of Contributors

- Cooper, Raymond W. 1920-1.
 Cope, E. E. 1901.
 Corbet, Sir Roland. 1913.
 Corsan, Senior, G. Hebden, 1928.
 Cosgrave, R. 1911-12.
 Coward, T. A. 1920.
 Crafer, A. 1895-8.
 Craig, Wallace. 1913-17.
 Crandall, Lee S. 1918-29.
 Creighton, J. W. 1903.
 — R. 1897-8.
 Cresswell, Frances. 1920.
 — O. E. 1895-1903.
 Creswell, Dr. W. G. 1902-6.
 Crisp, E. R. 1917.
 Cronkshaw, J. 1895-6.
 Cross, W. 1915.
 Crosse, Miss D. G. 1926.
 Cunningham, Martin. 1913.
 Currey, Mrs. 1911-26.
 Cushny, C. 1900-2.
- Dagliesh, Gordon. 1907-8.
 Daly, E. D. H. 1899.
 Darling, J. ff. 1904.
 Dart, Henry. 1905.
 Davies, C. J. 1910-11.
 Davis, Godfrey. 1928-30.
 Dawnay, Lady A. 1904-11.
 Dawson, W. Leon. 1919.
 Découx, A. 1918-30.
 Delacour, J. 1916-30. (*Delac.*)
 — and Berlioz. 1926.
 — and Legendre. 1925-6.
 — and Shore-Baily. 1928.
 Dell, Charles. 1901-24.
 Denman, Arthur. 1910-12.
 Dennis, Evelyn. 1929.
 — Mrs. Harold. 1907.
 Deubreuil, The Chevalier. 1917.
 D'Evelyn, Dr. F. W. 1909.
 Dewar, D. 1909.
 — Willoughby, 1920.
 Dickison, D. 1927.
 Dimock, *Diary of the Rev.* 1923.
 Dodsworth, Pelham T. L. 1912.
 Doherty, John. 1897.
 Donald, C. H. 1922.
 Dooly, T. L. S. 1925-6.
 Dorrien-Smith, Miss Cicely. 1913.
- Dorrien - Smith, Miss Innis. 1911-16.
 Douglas, W. C. 1901.
 Dove, H. Stuart. 1917.
 Drake, Mrs. K. 1928-9.
 Drummond, Miss M. 1907-15.
 Dunleath, Lady. 1901-4.
 Dutton, Canon F. C. 1895-1913.
 Dyott, R. A. 1915.
- Edge, Rev. H. P. 1904.
 Edwards, J. C. 1926.
 Eustace, H. C. 1927-9.
 Evans, R. M. 1927.
 Ezra, A. 1913-30.
 — D. 1902-14.
- Falkner, Guy. 1916.
 Farmborough, P. W. 1897-1909
 Farrar, Rev. C. D. 1896-1904.
 Fasey, W. R. 1903-11.
 Feilding, Miss M. 1906.
 Ffoulkes, Mrs. J. M. 1906.
 Fillmer, H. R. 1895-1906.
 (*HRF.*)
 Finn, Frank, 1897-1930.
 Fitzgerald, Miss D. 1904.
 Flower, Capt. Stanley F. 1907-8.
 Flower, Mrs. Stanley, 1911.
 Fooks, F. E. 1928.
 Fortescue, Col. F. 1909.
 Foster, W. Hill. 1907.
 Fothergill, Major H. 1902-3.
 Foulis, John. 1901.
 Franklin-Hindle, R. 1901-3.
 Frederick, John V. 1916.
 Frost, W. 1910-25.
 Frostick, John. 1895-1929.
 Fulljames, Henry. 1896-1900.
 (*Fullj.*)
- Galloway, P. F. M. 1908-25.
 Gardiner, Miss L. 1920.
 Ghigi and Delacour. 1930.
 Gibbard, R. N. 1919.
 Gibbins, W. B. 1902-19.
 Gibson, Rev. T. B. 1897.
 Gifford, E. W. 1909.
 Gill, A. 1902-10.
 Gillespie, G. H. 1918.
 Gladstone, Miss J. 1908.
 Glasscoe, G. D. 1900.

List of Contributors

- Goddard, H. E. 1900-13.
 — Mrs. 1918-30.
 Goodall, A. A. 1913.
 — A. D. 1916-17.
 Goodechild, H. 1907-13.
 Goodfellow, W. 1900-27.
 Gorter, Mrs. 1904-8.
 Gosling, Mrs. 1901.
 Gosse, Miss D. G. 1925.
 — Philip. 1912-22.
 Grace, G. Le C. 1899.
 Greene, Dr. W. T. 1902-6.
 Gregory, Mrs. 1903-18.
 Grey of Falloen, Lady. 1927-8.
 Griffiths, E. 1897.
 Günther, Albert. 1904-12.
 Gurney, J. H. 1905-18.
 — G. H. 1907-30.
- Haagner, Alwyn. 1906.
 Hamilton, Mrs. 1902-4.
 — Miss. 1903-5.
 — Dr. Wm. 1928.
 Hammond, Hon. Kate. 1902-3.
 — Capt. E. F. C. 1929.
 Hampe, Alex. 1915-30.
 Harding, W. A. 1906-12.
 Hare, Prof. Tom. 1928.
 Harewood, Countess of, 1903-14.
 — F. 1904.
 Harper, E. W. 1901-20.
 — E. 1908. (? = *E.W.*)
 Harris, Sir W. Cornwallis. 1919.
 Harrison, C. 1895-99.
 — C. L. 1897.
 — Miss A. M. 1926.
 Hartley, Mrs. E. A. H. 1899-1927.
 Harvey, Jun. S. 1926-8.
 Haslope, L. 1902.
 Hawke, Hon. Mary. 1912-13.
 Hawkins, L. W. 1892-1906.
 Hawthorn, Miss E. 1896.
 Hayley, J. N. 1928.
 Hebb, T. 1919-20.
 • Hedges, F. G. 1921-22.
 Heinroth, Dr. O. 1925.
 Heselton, H. C. 1900-4. (*Hasel-ton. 1900.*)
 Hetley, L. J. 1911.
 Hett, C. L. 1897-1900.
- Heumann, G. A. 1914-22.
 Hincks, Miss E. M. 1912.
 Hindle, Franklin. *See F.*
 Hodgson, Miss C. A. 1897-1901.
 — Hon. Mrs. 1900.
 Hogan and Slaughter. 1924.
 Holden, R. A. 1901-15.
 — Mrs. Ralph. 1916.
 Hopwood, Miss C. L. 1897-8.
 Hopkinson, E. 1908-30 (*EH.*)
 Hornaday, Wm. T. 1913-18.
 Horsbrugh, Ch. B. 1920.
 — Major R. B. 1899-1914.
 — Major and Mrs. Boyd-. 1913.
 — Mrs. Boyd-. 1913.
 Horton, L. W. 1904.
 Houlton, C. 1897-8.
 Housden, J. B. 1895-1929.
 Hubbard, Miss Rose E. 1907.
 Hudson, Capt. T. K. 1913.
 Humphrys, Russell. 1897-1904.
 Hunter, F. J. 1920.
 Husband, Miss. 1897-1902.
 Hussey Freke, Miss D. 1919.
 Hutchinson, Miss Alice. 1908-24.
- Ingram, Collingwood. 1905-14.
 — Sir Wm. 1904-18.
 Innes, Mrs. Ella M. 1911.
 Irvine, C. M. 1930.
 Isemonger, F. M. 1917.
 Ivens, Miss. 1911-13.
- Jackson, A. E. Blythe. 1927.
 — B. 1927-30.
 Jamrach, Wm. 1915.
 Jennison, G. 1900.
 — G. A. 1919-20.
 Job, Herbert R. 1913-14.
 Jones, A. 1897-9.
 — Ethel M. 1919.
 — Major H. 1908-10.
 — Norman H. 1895-6.
 — Dr. Robert. 1911.
 — Surg.-Cmdr. K. H. 1918-19.
 Johnstone, Mrs. 1900-15. (*Mrs. J.*)
- Keene, Mrs. 1902-3.
 Kelsall, Rev. J. E. 1897.
 Kemp, Robin. 1903-7.

List of Contributors

- Kershaw, Miss M. E. 1927.
 Kesterman, H. 1903.
 Kirkwood, Mrs. 1903.
 Knobel, Miss E. M. 1921-30.
 — Capt. H. E. 1920.
 Koch, Felix J. 1915-16.

 Laidlay, J. C. 1920-30.
 Lambert, F. F. 1900.
 — P. J. 1930.
 Lambert-Baker, Wm. 1915.
 Lambbrick, Prebendary. 1921-9.
 Lancaster, Mrs. M. B. 1899.
 — Mrs. 1925.
 Landless, W. 1897-8.
 Langford, Miss. 1903.
 Lascelles, Hon. G. 1901.
 Law, Satya Churu. 1920-5.
 Lawes, Sir Charles, 1902.
 Lawrence (S. A.) and R. T. Little-
 johns, 1916-20.
 Le Souëf, A. S. 1919-24.
 — D. 1902-22.
 — E. 1913.
 Leader, J. V. 1901-4. (*J. Viner*
 Leeder. 1904.)
 Lee, Eric. 1920.
 — Mrs. M. A. 1909.
 — Mabel D. 1917.
 Leeke, Miss E. D. 1913-14.
 Legendre, M. 1924-6. *And see*
 Delacour.
 Leigh, H. Boughton. 1901-6.
 Lewis, Arthur. 1926-9.
 — W. 1925-6.
 Lienau, C. H. A. 1918-29.
 Lilford, Lady. 1903.
 Little, Miss Rosa C. 1908.
 Littlejohns (R. T.) and S. A.
 Lawrence. 1918. *And see*
 Lawrence and . . .
 Llewellyn, Miss L. 1895.
 Lloyd, Lt.-Col. A. 1918.
 Lockyer, Alfred. 1913.
 Lodge, G. E. 1924.
 Lorimer, Norma. 1918-19.
 Lort-Phillips, Major F. 1930.
 Lovell-Keays, Dr. 1914-19.
 Lovibond, H. 1925.
 Low, G. E. 1914-19.
 Luigi, Dr. Bruno. 1925.

 Mackenzie, O. 1903.
 Macklin, C. H. 1928-30.
 Maeschke, R. 1897-8.
 Maitland, Mrs. Keith. 1900.
 Malone, Mrs. L'Estrange. 1914.
 Mander, J. D. 1929.
 Marriner, J. Sumner. 1927.
 Marriott, Irene M. 1927.
 Marsden, J. W. 1918-30.
 Marshall, Thomas. 1895-8.
 Martin, A. 1930.
 — H. C. 1897-1907.
 Mathews, Gregory M. 1910-13.
 Mathews-Sherman, W. G. 1923.
 Matsunaga, Yashmori. 1929.
 Maud, Mrs. C. E. 1916-18.
 Maxwell, C. T. 1911.
 Maynard, Gordon. 1929.
 Mayor, C. M. 1903.
 McCormick, W. F. J. 1916.
 McDonald, Miss B. 1907.
 Meade-Waldo, E. G. B. 1895-
 1924. (*M-W*.)
 Medland, Miss Lilian M. 1914.
 Merrylees, Miss E. 1904.
 Michel, Mrs. 1906.
 Miller, Lady. 1900.
 — Rev. T. W. T. 1926.
 — Tinniswood. 1909.
 Millet-Horsin, Dr. 1919.
 Milligan, A. W. 1905.
 — H. N. 1928.
 Millsum, O. 1915.
 Mitchell, P. Chalmers. 1920.
 Moerschell, F. 1895-1915.
 Momber, Lt.-Col. G. A. 1909-11.
 Moody, A. F. 1918-30.
 — William. 1923.
 Moore, H. 1928-30.
 Morse, D. S. 1904.
 Morshead, Lady. 1902.
 Mortimer, Mrs. 1903.
 Mundy, Miss Sybil M. 1913.
 Munt, H. 1914.
 Murray, Mrs. Dewar. 1923-30.
 Mylan, Dr. J. G. 1902-22.

 Neunzig, Karl. 1925.
 Newatt, Mrs. 1913.
 Newman, T. H. 1904-29.
 Newton, Prof. A. 1902.

List of Contributors

- Nicholson, A. E. 1897-1902.
 — Alf. S. 1927.
 — W. 1899-1900.
 — W. A. 1923.
 Nicol, Hamish. 1929.
 Nicoll, Michael J. 1906-15.
 Noble, Mrs. 1913.
 Norman, Miss M. 1904.
 North, Alfred. 1918.
 Norwood, E. 1903.
- Oakey, W. 1897-9.
 Oates, F. W. 1899-1900.
 Ogilvie-Grant. W. R. 1909.
 (O.G.)
 Oliphant, Trevor. 1914.
 O'Reilly, N. S. 1906-7.
 Osbaldeston, W. 1895-1906.
- Page, Wesley T. 1897-1914.
 Palmer, Winifred H. 1916.
 Pam, Albert. 1915-23.
 Pam, Albert and Hugo. 1907.
 Parker, Duncan. 1905-11.
 Patrick, Leon. 1928.
 Payne, W. H. 1909.
 Pearson, A. A. 1897-1902.
 — T. Gilbert. 1916.
 Percival, Blayney. 1919.
 — W. G. 1902-18.
 Percy, Lord Wm. 1913.
 Perkins, Septimus. 1895-99.
 Perreau, Capt. G. A. 1905-9.
 Phillips, George G. 1916.
 — John C. 1912-23.
 — Mrs. L. E. 1895-6.
 Phillipps, Alex. 1895.
 — Reginald. 1895-1915. (RP.)
 Pichot, Pieare A. 1917-8.
 Pike, H. L. 1895.
 Pithie, Miss D. E. 1920.
 Plath, Karl. 1924-30.
 Pocock, R. I. 1906-24.
 Poltimore, Lord. 1911.
 Pool, J. C. 1895-6.
 Portal, Major M. 1913-21.
 Porter, E. A. 1906.
 — G. C. 1902-7.
 — Sydney. 1920-30.
 Potter, Dr. B. E. 1915-25.
 Prestwich, Mrs. A. A. 1926-30.
- Prestwich, D. G. 1928.
 Proctor, Major F.W. 1905.
 Pycraft, W. P. 1903-21.
- Rabbich, H. P. 1903-4.
 Ramsay, James. 1916.
 Rathborne, H. B. 1902-18.
 — Mrs. 1903-4.
 Rattigan, Capt. G. W. 1910-28.
 Reeve, Capt. John S. 1920-8.
 Reid, Mrs. (*Madeira*). 1897-09.
 (C. S. Reid, 1903.)
 Ranaut, W. E. 1905.
 Renshaw, Chas. J. 1918-19.
 — Graham. 1903-20.
 Rettich, A. 1896-7.
 Rice, G. 1903.
 — L. K. 1923.
 Roberts, E. A. 1926.
 — Mary R. 1905.
 — Norman B. 1899-1905.
 Robertson, Mrs. 1900-1.
 Rogers, H. E. 1918-20.
 Rotch, C. D. 1900-1.
 — Mrs. 1902.
 Rothera, A. 1896-1906.
 Rothschild, Hon. Walter. 1914.
 — Lord. 1930.
 Rothwell, J. E. 1911.
 Rudkin, F. H. 1903-5.
 Rutt, Miss H. B. 1895.
 Ryan, B. J. 1930.
- St. Quintin. 1895-1926. (St. Q.)
 Salt, G. 1896-1902.
 Salter, A. J. 1904-6.
 Savage, A. 1895-1901.
 Schlater, P. L. 1902-4.
 — W. L. 1911.
 Scherren, K. 1908-10.
 Scott, Prof. W. E. D. 1903-4.
 — R. Hamilton. 1918-30.
 Scott-Hopkins, C. 1930.
 Sell, R. A. 1919.
 Seppings, Capt. J. W. 1910-21.
 Sergeant, John. 1895-1904.
 Seth-Smith, D. 1896-1930. (SS.)
 — L. M. 1904-28.
 Sharpe, Miss M. D. 1895-1903.
 Shaw, Jun., Henry S. 1917.
 — James. 1913.

List of Contributors

- Shelley, Capt. G. E. 1904.
 Shephard, T. 1924.
 Shepherd, Miss B. 1902-3.
 Sherbrooke, K. 1912.
 — Mrs. R. 1899.
 Sheriff, A. 1925-9.
 Sherman, Althea R. 1915-19.
 Sherrie, W. M. 1918.
 Shore-Baily, W. 1916-30. (SB.)
 Shufeldt, R. W. 1918-20.
 Sich, H. L. 1902-30.
 Silver, Allen. 1908-28.
 Simpson, A. 1902-11.
 — C. S. 1895-1900.
 Skinner, K. L. 1919-20.
 — Thornton. 1920.
 Slater, A. A. 1896-1906.
 Smalley, Fred. 1916.
 Smart, John. 1895.
 Smith, Barnby. *See* B.
 — E. E. 1900.
 — W. W. 1927-9.
 Smyth, W. 1904.
 Soames, H. A. 1914-15.
 Sopp, Winifred M. 1905.
 Sorensen, E. S. 1919.
 Southoff, George de. 1928.
 Speed, C. 1897-1900.
 — Hedley. 1895-1903.
 Sprawson, Capt. E. 1926-9.
 Squire, Cecil W. R. 1928.
 Stanyforth, Mrs. 1903.
 Staples-Brown, R. 1912-15.
 Staveley-Hill, Mrs. E. 1916-17.
 Stead, Edgar F. 1908.
 — G. D. 1915.
 Stewart, B. Theo. 1913-15.
 Stillman, Paul E. 1929.
 Stokes, Capt. H. S. 1923-30.
 Stone, O. J. 1915-16.
 Storey, James. 1896.
 Sturton-Johnson, Miss. 1905.
 Suggitt, R. 1904-7.
 — W. E. 1925.
 Sutcliffe, Arthur. 1926.
 Sutton, C. Pelham. 1913.
 — Sir Richard. 1916.
 Swailes, G. C. 1895-1903.
 Swaysland, Walter. 1895.
 Swift, Donald. 1905.
 Symonds, J. H. 1914.
 Taka-Tsukasa, Prince. 1921-9.
 Tavistock, Marquess of. 1913-30.
 (Tavis.)
 — and Delac. 1926-8.
 — and Blaauw. 1927.
 Temple, W. R. 1909-15.
 Teschemaker, W. E. 1904-17.
 (Tesch.)
 Thom, A. A. 1895-1926.
 Thomas, Mrs. Haig. 1907.
 Thomasset, B. C. 1897-1930.
 Thompson, Mrs. A. C. 1925.
 — Mrs. 1900.
 — Lady. 1901-2.
 — G. W. 1930.
 Thorburn-Clarke, H. 1917.
 Thorniley, Percy W. 1910-13.
 Thoyts, Miss E. E. 1895.
 Ticehurst, Claude B. 1913.
 — N. F. 1908-12.
 Tienan, C. H. A. 1923. *Probably
misprint for* Lienau.
 Tod-Boyd, H. 1927.
 Todd, R. A. 1896-1900.
 Tomlinson, M. R. 1926.
 — S. 1923.
 Toussaint, Mrs. L. H. 1916.
 Townsend, S. M. 1903-11.
 Trenow, Evelyn Henry. 1911-12.
 Trevor-Battye, A. 1904-20.
 Tuck, Rev. Julian C. 1910.
 Turner, Emma L. 1920.
 — Thomas. 1904.
 Turner-Turner, Mrs. 1914.
 Tweedie, Lt.-Col. W. 1903-16.
 Urwick, Douglas B. 1915.
 Van Someren, V. G. 1916-19.
 (Van S.)
 Venner, Rev. P. 1925.
 Vernon, Mrs. E. Warren. 1908-15.
 Verrall, Claude. 1897.
 — J. H. 1897-8.
 Vivian, Mrs. 1903-4.
 Waddle, Miss Peddie. 1905-41.
 Waggett, P. N. 1924.
 Walker, Miss H. K. O. 1897.
 Wall, Mrs. D. W. 1926-9.
 Wallop, Hon. F. 1903.

List of Contributors

- Ward, Hon. Mrs. Somerset. 1900.
— W. M. G. 1906.
Washington, Louisa. 1925.
Waterfield, Mrs. Noel E. 1925.
Watson, John. 1905.
Waud, Capt. Reginald P. 1913-30.
Wavertree, Lady. 1930.
Webb, Wilfrid Mark. 1919.
Webber, Mrs. O. 1904.
Webster, W. T. 1920-21.
Weir, J. 1918-26.
Welch, Fred D. 1920-7.
Wellington, Duchess of, 1922.
(*D. Well.*)
West, Miss E. E. 1899-1911.
Weston, Denys. 1926-30.
Whistler, Hugh. 1905.
Whitehead, L. 1905.
Whitlaw, Rosa M. 1917-22.
Whitley, Herbert. 1927.
Whitman, Prof. C. O. 1907.
Whitmore, Rosalie A. 1916.
Whytehead, T. B. 1897-1902.
Wiener, Aug. F. 1896-1906.
Wildeboer, Dr. 1926.
Willford, H. 1911-14.
Williams, A. R. 1914-18.
— Mrs. C. H. 1907.
— Edward. 1908.
— Mrs. Howard. 1902-8.
— Mrs. 1903.
— Mrs. Leslie. 1901.
— L. 1911.
— Mrs. M. 1906-22.
— Sydney. 1912-26.
Williamson, G. C. 1895-6.
Willis, Mrs. Mary C. 1926.
Wilmot, Rev. R. H. 1903-4.
Wilson, And. 1927.
— T. N. 1905-6.
Witherby, H. F. 1908-13.
Wolfe, Miss Georgina. 1908.
Wood, Dr. Casey A. 1924.
Woods, Miss. 1902.
Woodward, Kenneth. 1918.
Wooldridge, Prof. G. H. 1919.
Woosnam, R. B. 1910.
Wordsworth, Miss A. M. 1895.
Workman, W. H. 1903-30.
Wormald, Hugh. 1905-25.
Younger, Miss Barbara. 1912.

SMITHSONIAN INSTITUTION LIBRARIES



3 9088 00984 0687